

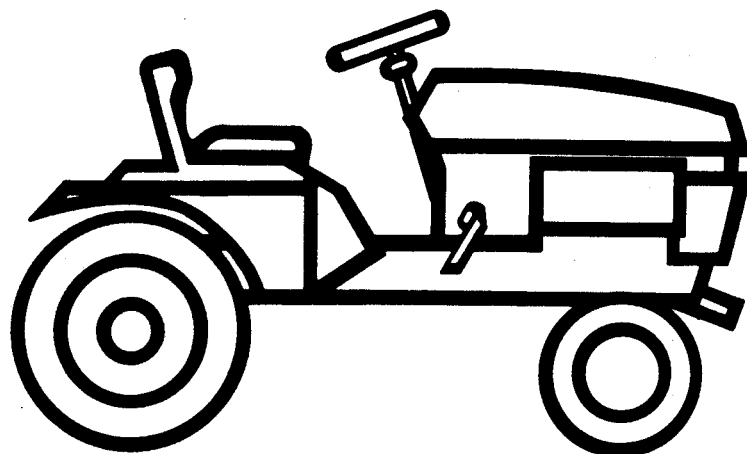
Ariens®

931 Series

Garden Tractors
and Attachments

THIS MANUAL COVERS 931000
SERIES GARDEN TRACTORS,
ATTACHMENTS, ACCESSORIES AND
KITS FOR TRACTOR MODELS 931004
THROUGH 931027, BUILT DURING
THE YEARS OF 1975 THROUGH 1983.

Parts Manual



Ariens Service

MODELS 931004 THROUGH 931018

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ATTACHMENTS

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	000101 - 0006000				

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DECALS FOR HYDROSTATIC MODELS

MODELS 931008, 931009, 931010, 931015, 931016, 931017, & 931018



(LEFT SIDE
DECAL SHOW)

78464 L.H. S-18H
78463 R.H. S-18H

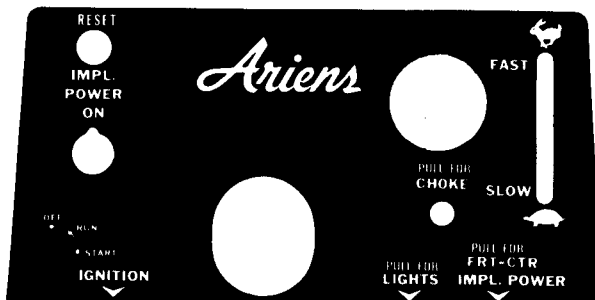
78415 L.H. S-16H
78414 R.H. S-16H

78413 L.H. S-14H
78412 R.H. S-14H

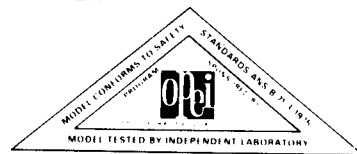
78411 L.H. S-12H
78410 R.H. S-12H



78466
(S-18H ONLY)



DASH PANEL - 78341
DASH PANEL - 78465 (S-18H ONLY)



78226



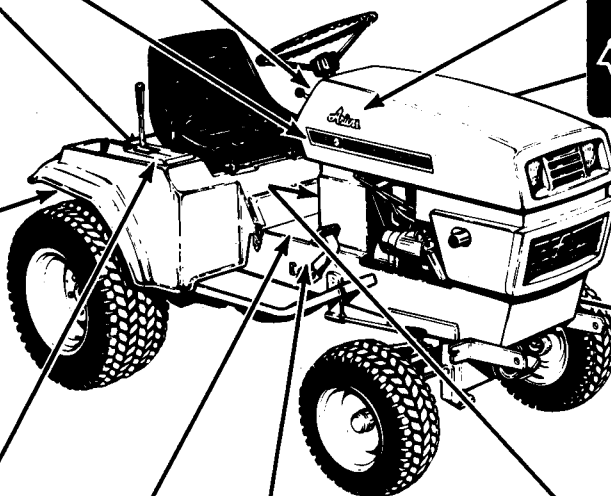
78282



78280



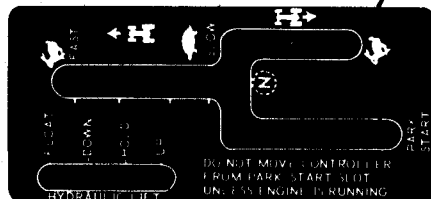
78462 (S-18H ONLY)
(UNDER REAR DECK)



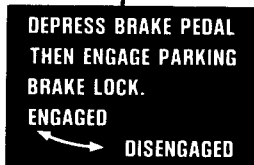
78278



78281

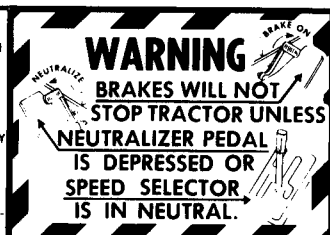


CONTROL CONSOLE 78386



78311

IMPORTANT
CHANGE TRANSMISSION
OIL FILTER AFTER
FIRST 5 HOURS OF
OPERATION.
THEREAFTER CHANGE
ANNUALLY OR EVERY
100 HOURS WHICH-
EVER COMES FIRST.
REFER TO OWNERS
MANUAL FOR MAIN-
TENANCE.



NEUTRALIZER PEDAL

STARTING PROCEDURE

1. Place control lever in Park Start
2. Push implement power switch off
3. Advance throttle to 1/3 position
4. Pull out choke knob
5. Turn key switch fully to right
6. Release key and push choke in when engine starts

BRAKE PEDAL

To move tractor with engine stopped depress two valves on top of transmission and secure with retaining wire.

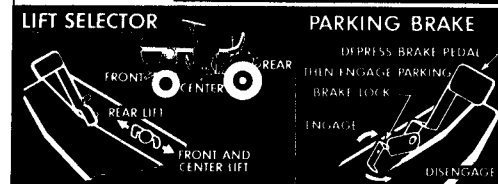
CAUTION

Before dismounting place control lever in Park Start, shut off implement power and engine and remove key.

Maintain proper transmission oil level to prevent transmission damage and loss of dynamic braking control.

Keep all shields in place.

78309



78391

COMPLIANCE WITH CANADIAN RADIO INTERFERENCE REGULATIONS CERTIFIED
REPLACE SPARK PLUG WITH RESISTOR SPARK PLUG ONLY!
CERTIFIE CONFORME AU REGLEMENT CANADIEN SUR LE BROUILLAGE RADIOELECTRIQUE
REMPLACER LA ROUGIE PAR UNE ROUGIE A RESISTANCE SEULEMENT!

78400
(UNDER HOOD NEXT TO SPARK PLUG)

DECALS FOR GEAR TRACTOR

78226 MODELS 931011, 931012, 931013 & 931014



S-14G

S-14G R.H. 78374

S-14G L.H. 78375

S-10G R.H. 78363

S-10G L.H. 78364

WARNING

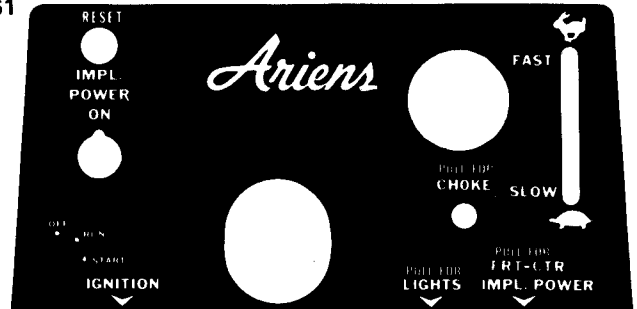
Grasp handle, not chain.

78282
S-10G Only

Ariens
78252

L.H. 78362

R.H. 78361



DASH PANEL - 78341



78278

FORWARD
DOWN
ATTACHMENT
REAR-UP
LIFT

S-10G Only
78340

S-14G
78387

S-10G
78388



78373



78281

STARTING PROCEDURE

1. Place shift lever in Neutral
2. Push implement power switch off
3. Advance throttle to 1/4 position
4. Pull out choke knob
5. Turn key switch fully to right
6. Release key and push choke in when engine starts

CAUTION

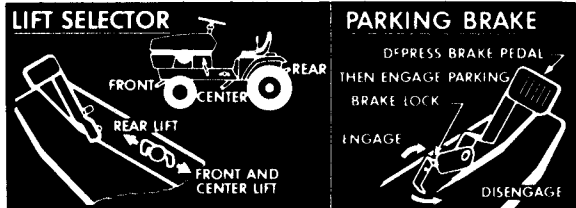
Before dismounting, depress pedal fully and engage parking brake, shut off implement power and engine, and remove key. Measure proper transmission oil level to prevent transmission damage. Keep all shields in place.

78367

DEPRESS BRAKE PEDAL
THEN ENGAGE PARKING
BRAKE LOCK.
ENGAGED

DISENGAGED

78311



78392

COMPLIANCE WITH CANADIAN RADIO INTERFERENCE REGULATIONS CERTIFIED

REPLACE SPARK PLUG WITH RESISTOR SPARK PLUG ONLY!

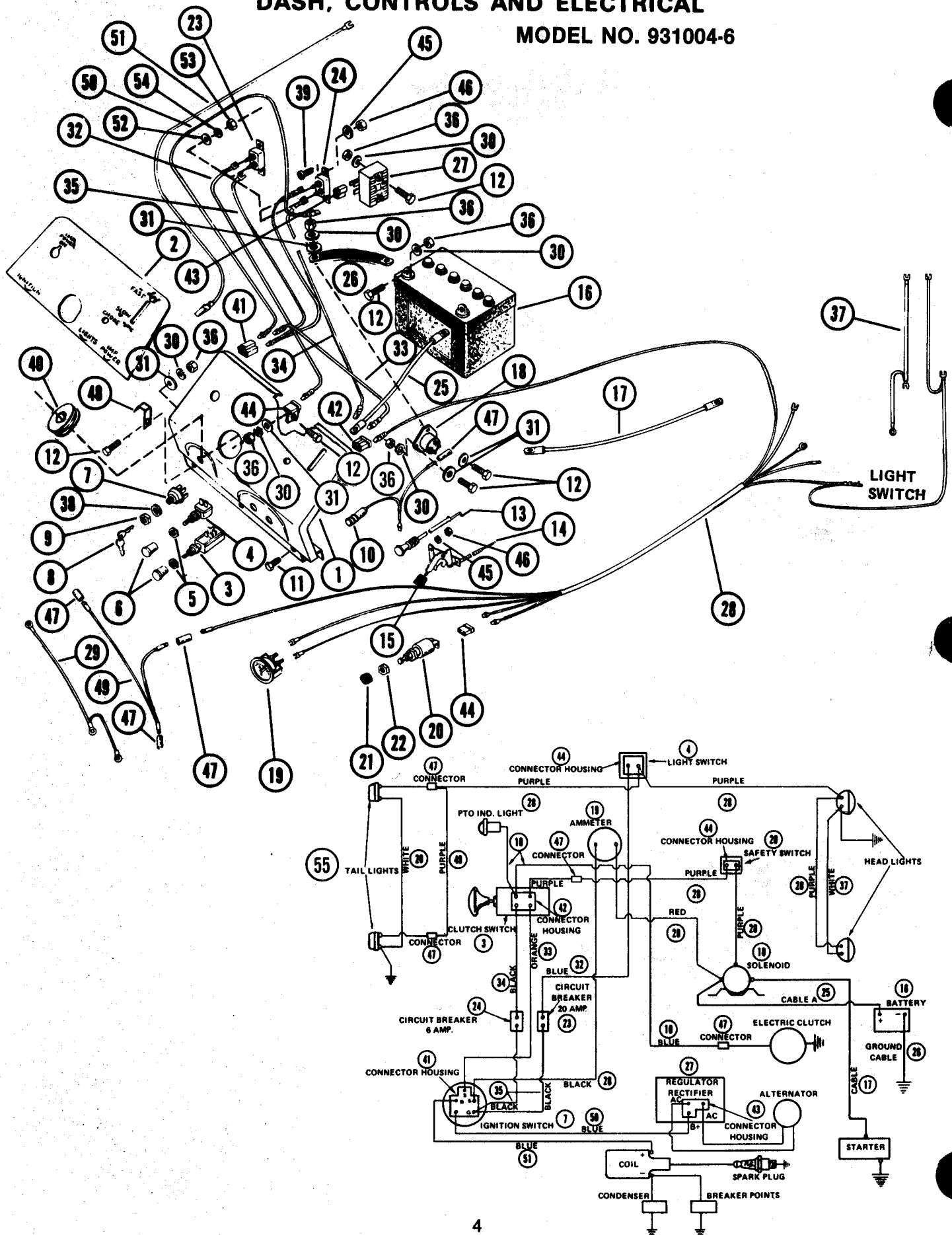
CERTIFIE CONFORME AU REGLEMENT CANADIEN SUR LE BROUILLAGE RADIOELECTRIQUE

REPLACER LA ROUGIE PAR UNE ROUGIE A RESISTANCE SEULEMENT!

78400

(UNDER HOOD, NEXT TO SPARK PLUG)

DASH, CONTROLS AND ELECTRICAL MODEL NO. 931004-6



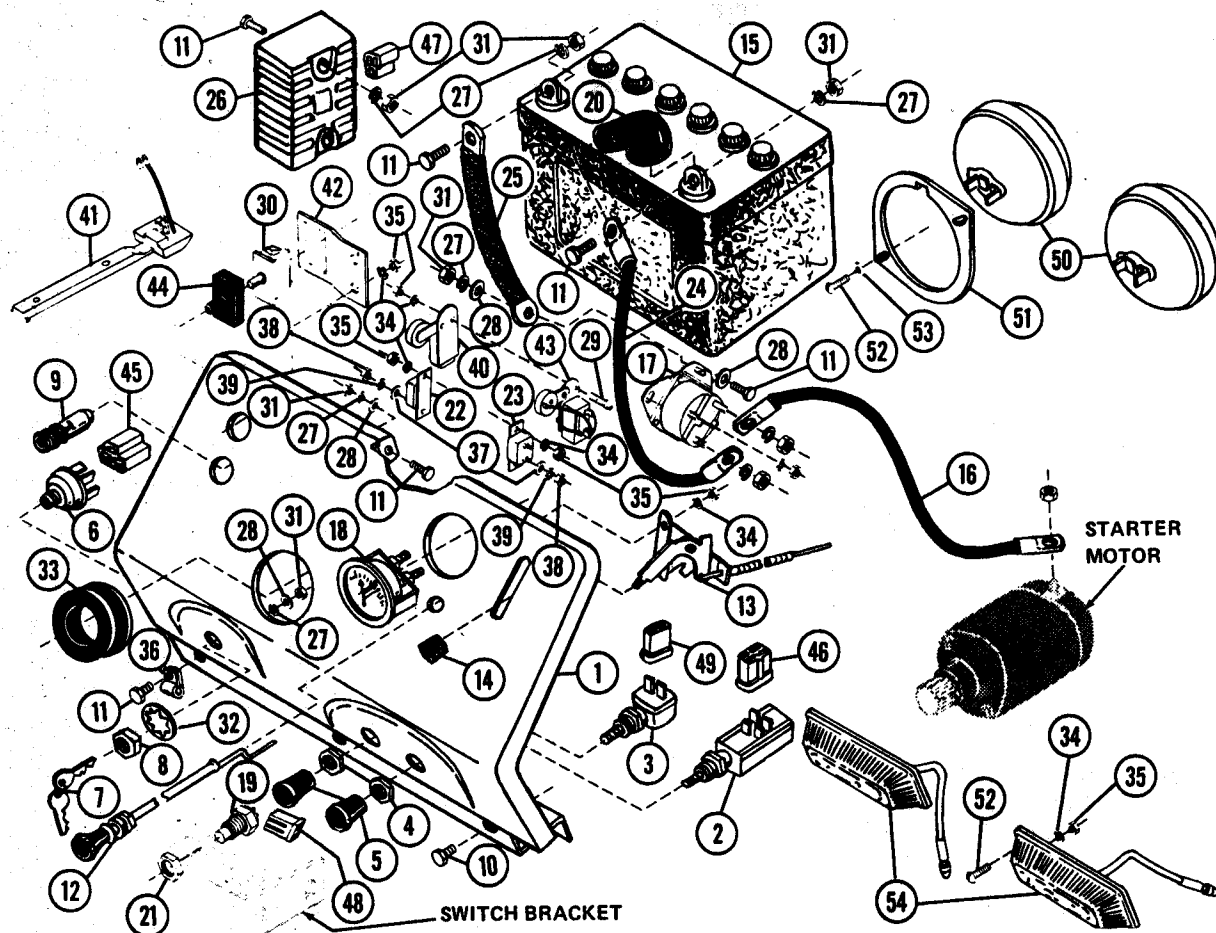
DASH, DASH CONTROLS & ELECTRICAL

MODEL NO. 931004-6

REF NO.	PART NO.	DESCRIPTION	NO. REQ'D.	REF NO.	PART NO.	DESCRIPTION	NO. REQ'D.
1	531001	DASH W/Decal	1	30	063002	LOCKWASHER, 1/4"	9
2	078266	DASH DECAL	1	31	064127	WASHER, Flat 1/4"	6
3	031150	SWITCH, Clutch	1	32	031114	WIRE HARNESS, 6-1/2" Long (Blue)	1
4	031151	SWITCH, Lights	1			Circuit Breaker to Light Switch	1
5	065104	NUT, Jam, 1/2"	2	33	031112	WIRE HARNESS, 10" Long (Orange)	1
6	075068	KNOB, Switch	2			Ignition to Clutch Switch	1
7	031152	SWITCH, Ignition	1	34	031113	WIRE HARNESS, 7-1/2" Long (Black)	1
8	013157	KEY SET	1			Circuit to Clutch Switch	1
9	065106	NUT, Special, 9/16"	1	35	031115	WIRE HARNESS, 14-1/2" Long (Black)	1
10	031179	PTO Indicator & Wire Ass'y	1			Ignition to Circuit Breaker	1
11	074043	SCREW, Self-Tapping, No. 10 x 1/2	4	36	065032	NUT, Nex, 1/4"	9
12	059001	CAP SCREW, HH, 1/4 x 3/4	9	37	031104	WIRE HARNESS, 30" Long (White)	1
13	069103	CHOKE CONTROL ASS'Y	1			Ground for Head Lights	1
14	069104	THROTTLE CONTROL	1	38	063029	LOCKWASHER, Internal Tooth, 9/16"	1
15	075019	KNOB, Throttle Control	1	39	061040	SCREW, Machine, Truss, Hd. No. 10 x 1/2	2
16	031085	BATTERY, 12 Volt	1	40	075061	GROMMET	1
17	031111	CABLE ASS'Y, Solenoid to Starter	1	41	023478	CONNECTOR HOUSING, 5 Wire	1
18	029132	SOLENOID STARTER SWITCH	1	42	023595	CONNECTOR HOUSING, 4 Wire	1
19	031117	AMMETER	1	43	031106	CONNECTOR HOUSING, 3 Wire	1
20	031107	SWITCH, Safety	1	44	031105	CONNECTOR HOUSING, 2 Wire	2
21	075063	BOOT	1	45	063011	LOCKWASHER, External Tooth, No. 10	4
22	065071	NUT, Special, 5/8"	1	46	065055	NUT, Hex, No. 10 - 32	4
23	031102	CIRCUIT BREAKER, 20 Amp	1	47	031101	WIRE CONNECTOR	4
24	031108	CIRCUIT BREAKER, 6 Amp	1	48	031070	CLIP	2
25	031110	CABLE ASS'Y, Battery to Solenoid	1	49	031168	WIRE ASS'Y, 44-1/2" Long	1
26	031103	CABLE ASS'Y, Battery to Ground	1	50	031119	WIRE, Ignition to Rectifier (Blue)	1
27	031109	REGULATOR RECTIFIER	1	51	031118	WIRE, Coil to Ignition (Blue)	1
28	031116	WIRE HARNESS - 5 Wire	1	52	064141	WASHER	4
29	031147	WIRE HARNESS, 35" Long (White)	1	53	065026	NUT	4
		Ground for Tail Lights		54	063011	LOCKWASHERS	4
				55	631006	TAIL LIGHT (931004, 5, 6)	2
						BULB G.E. 1895	
						LENS ARIENS No. 31375	

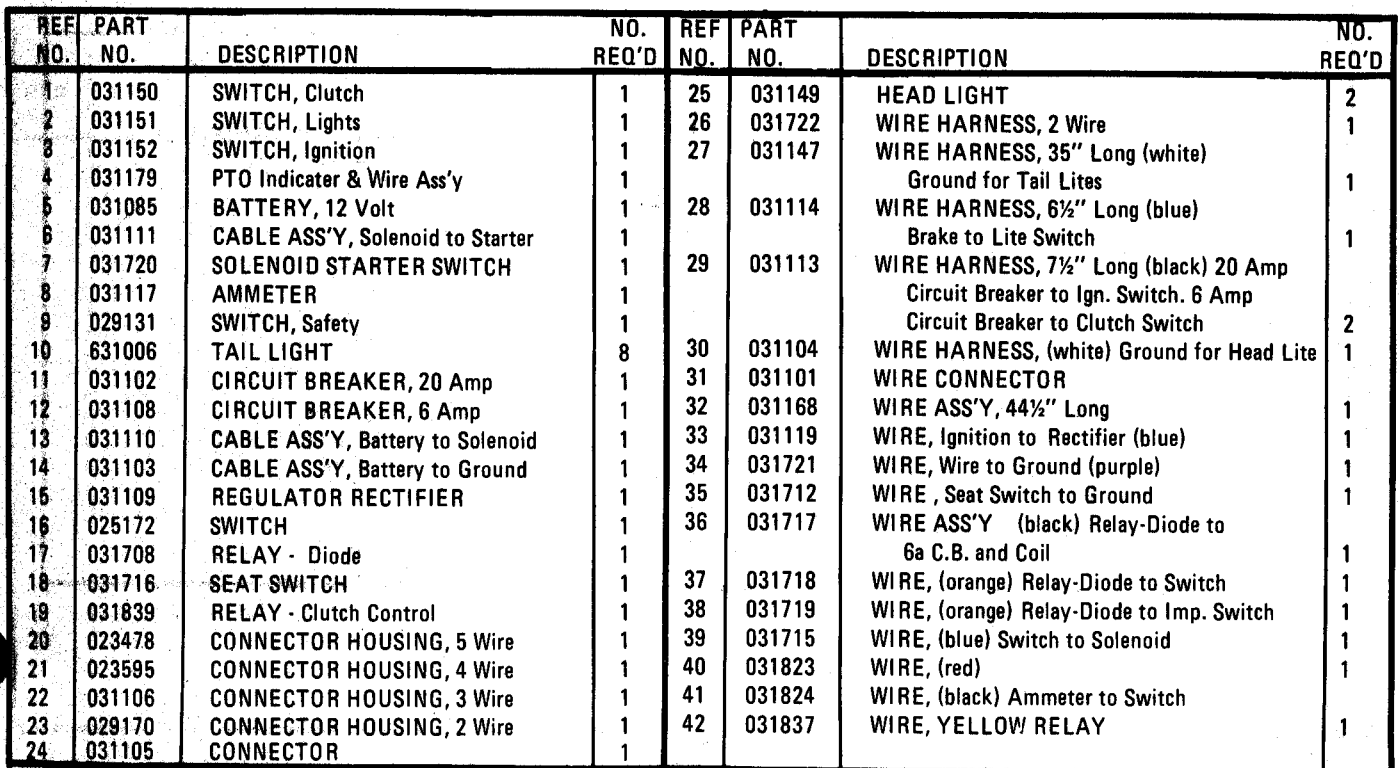
DASH, CONTROLS AND ELECTRICAL

MODELS 931008-12



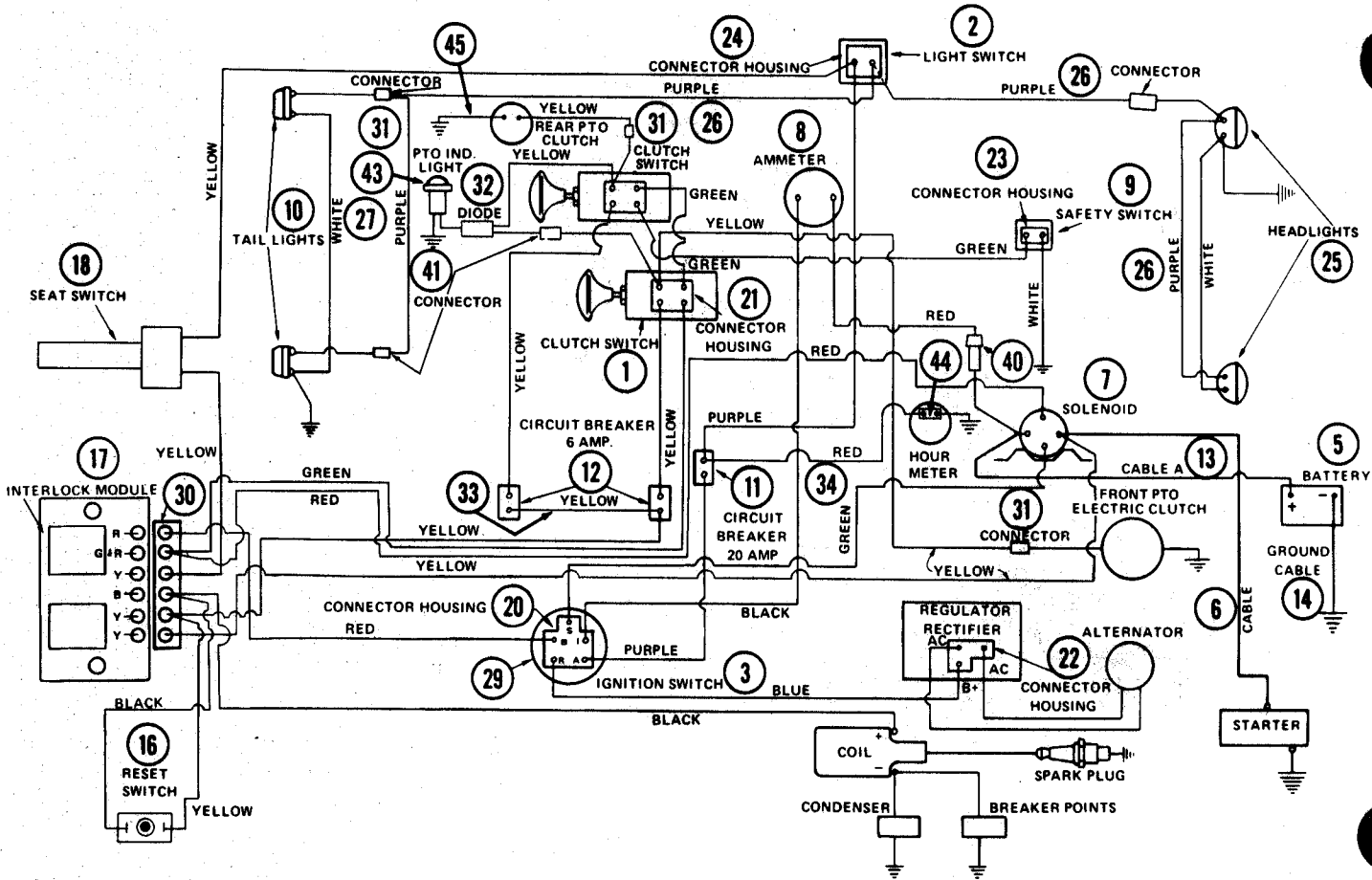
REF NO.	PART NO.	DESCRIPTION	NO. REQ'D	REF NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	531058	DASH W/Decal	1	28	064127	WASHER, Flat 1/4"	4
2	031150	SWITCH, Clutch	1	29	061012	MACHINE SCREW, No. 10-24 x 1/2	2
3	031151	SWITCH, Lights	1	30	025172	SWITCH	1
4	065104	NUT, Jam, 1/2"	2	31	065032	NUT, Hex, 1/4"	8
5	075068	KNOB, Switch	2	32	063029	LOCKWASHER, Internal Tooth, 9/16"	1
6	031152	SWITCH, Ignition	1	33	075061	GROMMET	1
7	013157	KEY SET	1	34	063011	LOCKWASHER, External Tooth, No. 10	14
8	065106	NUT, Special, 9/16"	1	35	065055	NUT, Hex, No. 10-24	14
9	031179	PTO Indicator & Wire Ass'y	1	36	031070	CLIP	2
10	074043	SCREW, Self-Tapping, No. 10 x 1/2	4	37	064141	WASHER	4
11	059001	CAP SCREW, HH, 1/4 x 3/4	8	38	065026	NUT	4
12	069103	CHOKE CONTROL ASS'Y	1	39	063011	LOCKWASHERS	4
13	069104	THROTTLE CONTROL	1	40	031708	RELAY - Diode	1
14	075019	KNOB, Throttle Control	1	41	031716	SEAT SWITCH	1
15	031085	BATTERY, 12 Volt	1	42	031833	BRACKET - Switch	1
16	031111	CABLE ASS'Y, Solenoid to Starter	1	43	031839	RELAY - Clutch Control	1
17	031720	SOLENOID STARTER SWITCH	1	44	075045	RUBBER BOOT	1
18	031117	AMMETER	1	45	023478	CONNECTOR HOUSING, 5 Wire	1
19	029131	SWITCH, Safety	1	46	023595	CONNECTOR HOUSING, 4 Wire	1
20	075057	INSULATOR	1	47	031106	CONNECTOR HOUSING, 3 Wire	1
21	065096	NUT, Special, 5/8"	1	48	029170	CONNECTOR HOUSING, 2 Wire	1
22	031102	CIRCUIT BREAKER, 20 Amp	1	49	031105	CONNECTOR	1
23	031108	CIRCUIT BREAKER, 6 Amp	1	50	031149	HEAD LIGHT	2
24	031110	CABLE ASS'Y, Battery to Solenoid	1	51	031159	RETAINER RING	2
25	031103	CABLE ASS'Y, Battery to Ground	1	52	061040	SCREW, Machine, Truss H. No. 10-1/2"	8
26	031109	REGULATOR RECTIFIER	1	53	064001	WASHER	8
27	063002	LOCKWASHER, 1/4"	8	54	631006	TAIL LIGHT	2
						BULB - for item 54 GE 1895 (not ill.)	2
						LENS - Red for item 54 (not ill.)	2
					031375		

MODELS 931008-12



ELECTRICAL WIRING DIAGRAM

MODEL 931015

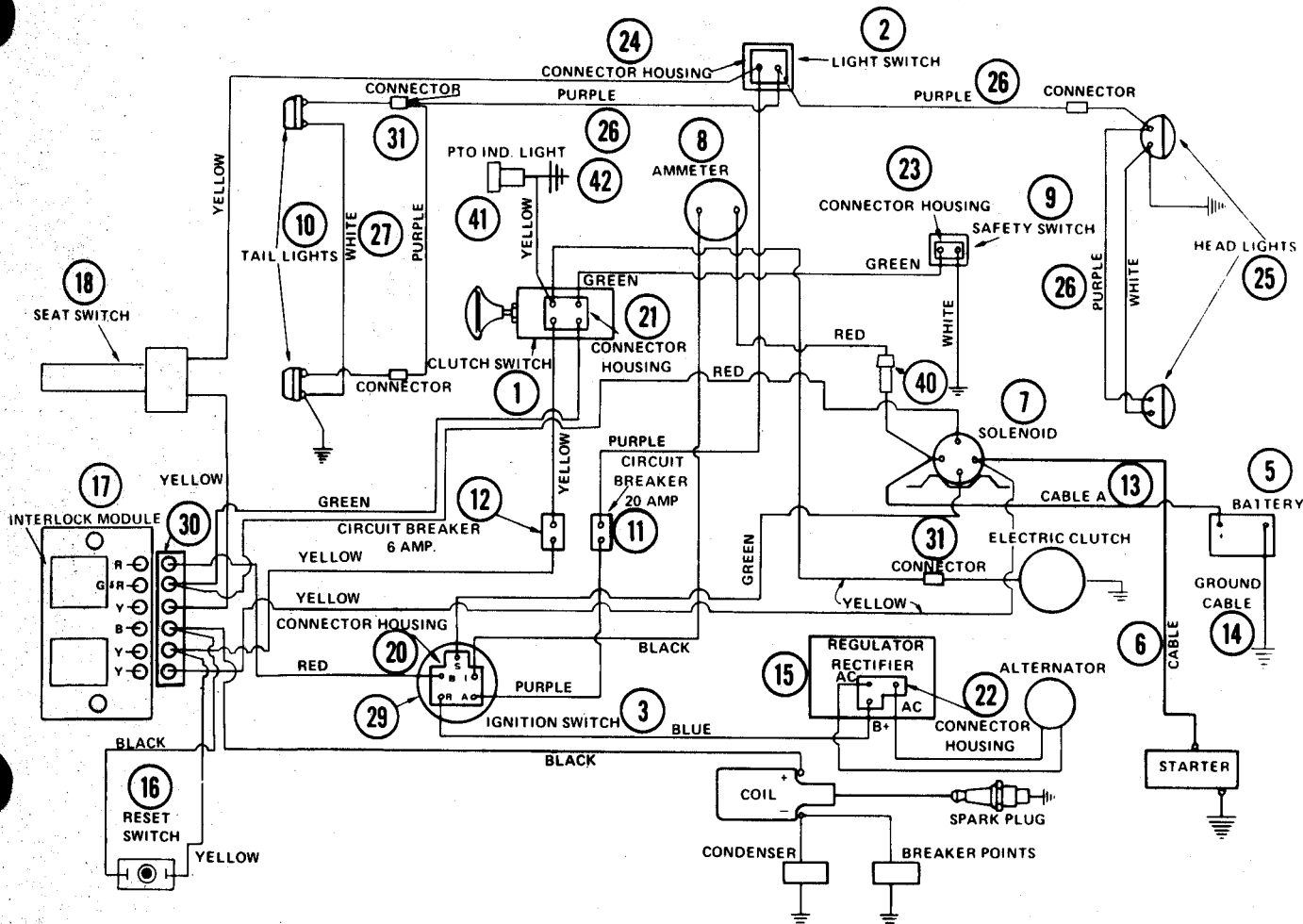


REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D	REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	031150	SWITCH, Clutch	1	23	029170	CONNECTOR HOUSING, 2 Wire	1
2	031151	SWITCH, Lights	1	24	031105	CONNECTOR	1
3	031152	SWITCH, Ignition	1	25	031149	HEAD LIGHT	2
5	031085	BATTERY, 12 Volt	1	26	030002	WIRE HARNESS, Headlight & Clutch	1
6	031111	CABLE ASS'Y, Solenoid to Starter	1	27	030001	WIRE HARNESS, Tail Light	1
7	031720	SOLENOID STARTER SWITCH	1	29	030003	DASH HARNESS	1
8	031117	AMMETER	1	30	030004	INTERLOCK MODULE HARNESS	1
9	031107	SWITCH, Safety	1	31	031101	WIRE CONNECTOR	7
10	631006	TAIL LIGHT	2	32	031636	WIRE ASSEMBLY, Rear PTO	1
11	031102	CIRCUIT BREAKER, 20 Amp	1	33	031996	WIRE	1
12	031108	CIRCUIT BREAKER, 6 Amp	1	34	031964	WIRE HARNESS, Hour Meter	1
13	031110	CABLE, Battery to Solenoid	1	40		STD, 30a SAE FUSE	1
14	031103	CABLE, Battery to Ground	1	41	031997	GROUND WIRE, Black	1
16	025172	SWITCH, Reset	1	43	031983	PTO LIGHT	1
17	031976	INTERLOCK MODULE	1		030016	STD, 12 PSB LAMP	1
18	031716	SEAT SWITCH	1	44	031962	HOUR METER CONNECTOR	1
20	023478	CONNECTOR HOUSING, 5 Wire	1	45	002303	GROUND WIRE	1
21	023595	CONNECTOR HOUSING, 4 Wire	1				
22	031106	CONNECTOR HOUSING, 3 Wire	1				

ELECTRICAL WIRING DIAGRAM

MODELS 931013-14 & 931016-931018

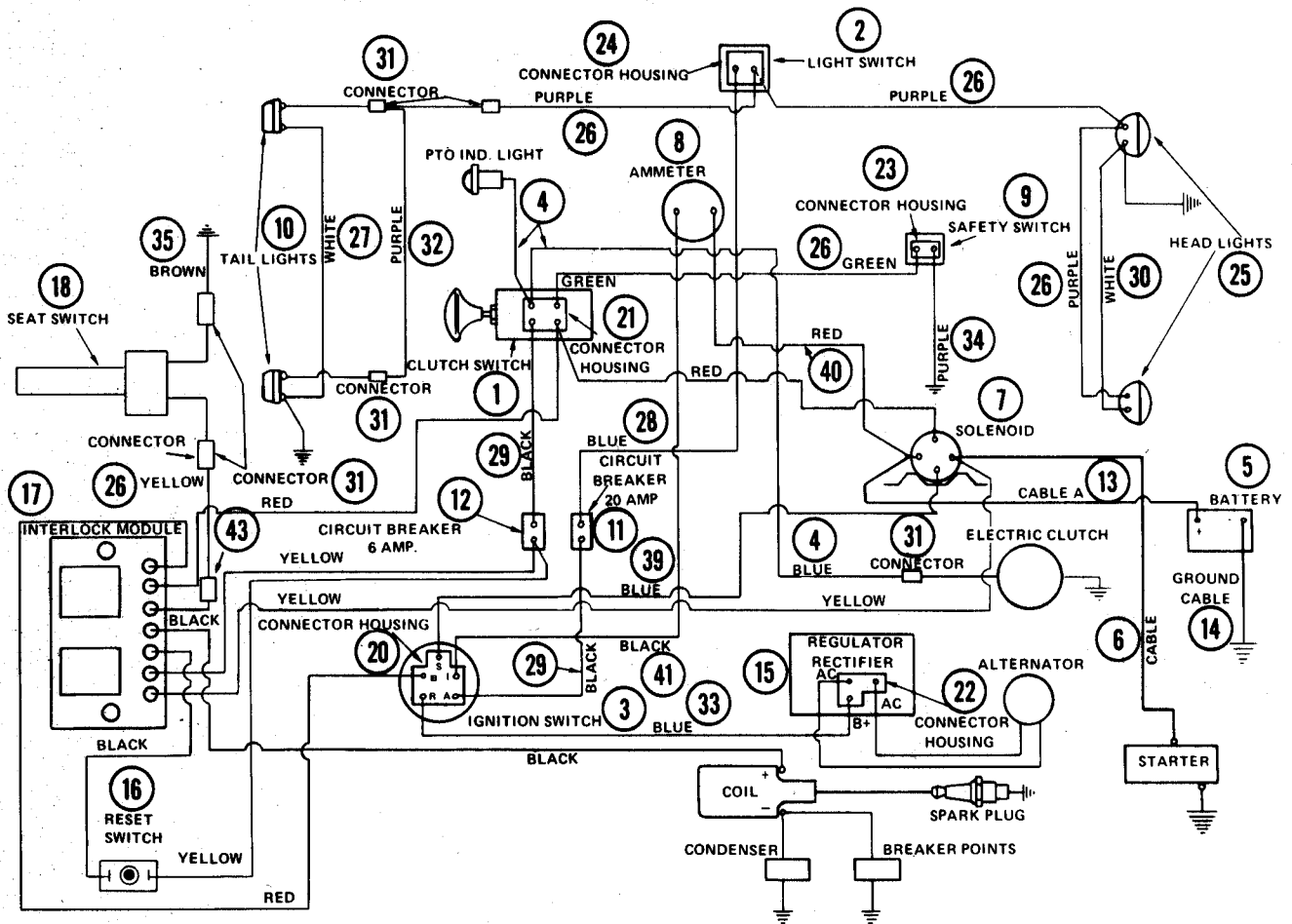
EQUIPPED WITH INTERLOCK MODULE 31976 OR 531099



REF. PART NO.	DESCRIPTION	NO. REQ'D	REF. PART NO.	DESCRIPTION	NO. REQ'D
1	031150 SWITCH, Clutch	1	20	023478 CONNECTOR HOUSING, 5 Wire	1
2	031151 SWITCH, Lights	1	21	023595 CONNECTOR HOUSING, 4 Wire	1
3	031152 SWITCH, Ignition	1	22	031106 CONNECTOR HOUSING, 3 Wire	1
5	031085 BATTERY, 12 Volt	1	23	029170 CONNECTOR HOUSING, 2 Wire	1
6	031111 CABLE ASS'Y, Solenoid to Starter	1	24	031105 CONNECTOR	1
7	031720 SOLENOID STARTER SWITCH	1	25	031149 HEAD LIGHT	2
8	031117 AMMETER	1	26	030002 WIRE HARNESS, Headlight & Clutch	1
9	031107 SWITCH, Safety	1	27	030001 WIRE HARNESS, Tail Light	1
10	631006 TAIL LIGHT	2	29	030003 DASH HARNESS	1
11	031102 CIRCUIT BREAKER, 20 Amp	1	30	030004 INTERLOCK MODULE HARNESS	1
12	031108 CIRCUIT BREAKER, 6 Amp	1	31	031101 WIRE CONNECTOR	7
13	031110 CABLE, Battery to Solenoid	1	40	STD, 30a SAE FUSE	1
14	031103 CABLE, Battery to Ground	1	41	PTO INDICATOR LIGHT	1
15	REGULATOR RECTIFIER KOHLER 237335	1	42	STD, 12 PSB LAMP	1
16	025172 SWITCH, Reset	1		031997 GROUND WIRE	1
17	031976 INTERLOCK MODULE	1			
18	031716 SEAT SWITCH	1			

ELECTRICAL WIRING DIAGRAM

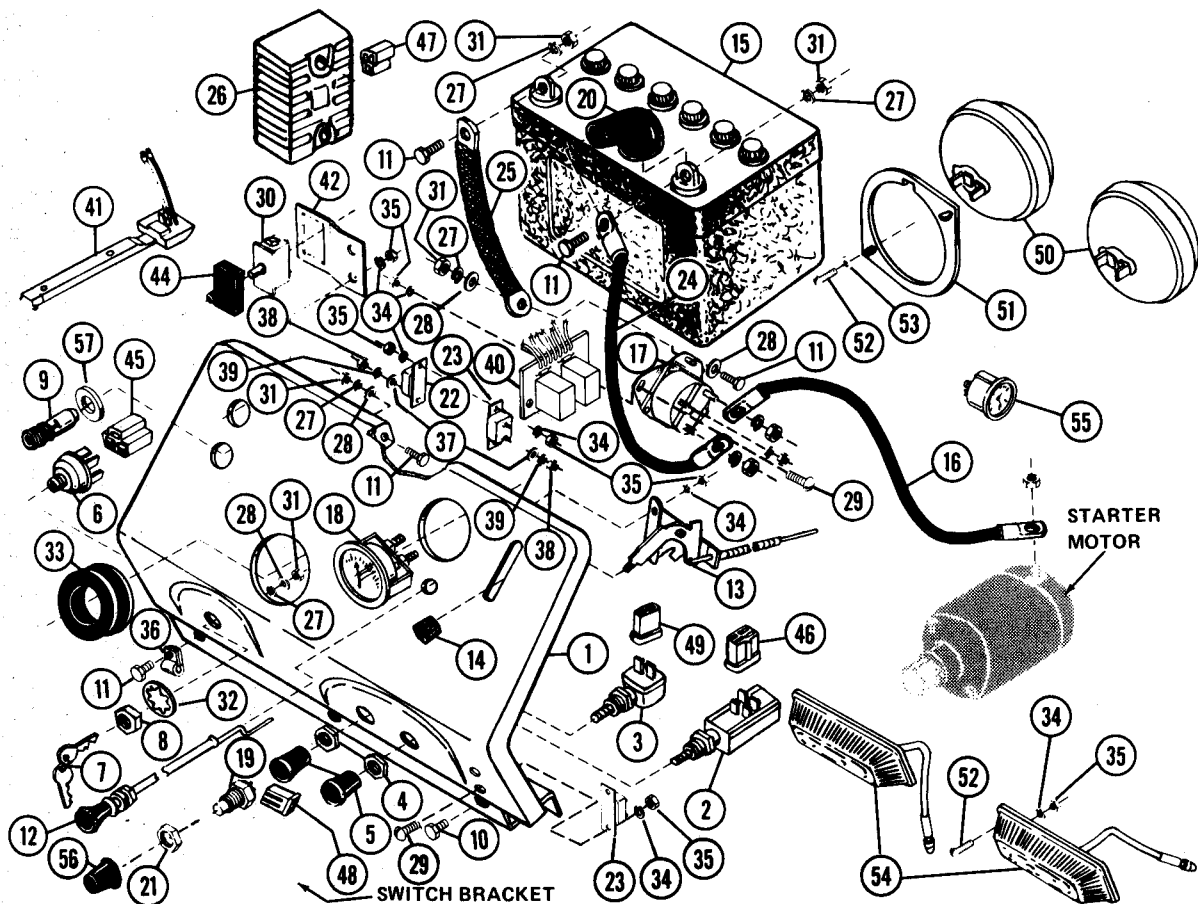
MODELS 931013-14 & 931016-931018
EQUIPPED WITH INTERLOCK MODULE 531074



REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D	REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	031150	SWITCH, Clutch	1	23	031895	CONNECTOR HOUSING, 2 Wire	1
2	031151	SWITCH, Lights	1	24	031105	CONNECTOR	1
3	031152	SWITCH, Ignition	1	25	031149	HEAD LIGHT	2
4	031179	PTO Indicator & Wire Ass'y	1	26	031722	WIRE HARNESS, 2 Wire	1
5	031085	BATTERY, 12 Volt	1	27	031147	WIRE HARNESS, 35" Long (white)	1
6	031111	CABLE ASS'Y, Solenoid to Starter	1			Ground for Tail Lites	1
7	031720	SOLENOID STARTER SWITCH	1	28	031114	WIRE HARNESS, 6½" Long (blue)	1
8	031117	AMMETER	1			Brake to Lite Switch	1
9	031107	SWITCH, Safety	1	29	031113	WIRE HARNESS, 7½" Long (black) 20 Amp	1
10	631006	TAIL LIGHT	2			Circuit Breaker to Ign. Switch. 6 Amp	1
11	031102	CIRCUIT BREAKER, 20 Amp	1			Circuit Breaker to Clutch Switch	2
12	031108	CIRCUIT BREAKER, 6 Amp	1	30	031104	WIRE HARNESS, (white) Ground for Head Lite	1
13	031110	CABLE ASS'Y, Battery to Solenoid	1	31	031101	WIRE CONNECTOR	7
14	031103	CABLE ASS'Y, Battery to Ground	1	32	031168	WIRE ASS'Y, 44½" Long	1
15		REGULATOR RECTIFIER	1	33	031119	WIRE, Ignition to Rectifier (blue)	1
		KOHLER 237335	1	34	031721	WIRE, Wire to Ground (purple)	1
16	025172	SWITCH, Reset	1	35	031712	WIRE, Seat Switch to Ground	1
17	531099	INTERLOCK MODULE	1	39	031715	WIRE, (blue) Switch to Solenoid	1
18	031716	SEAT SWITCH	1	40	031823	WIRE, (red)	1
20	023478	CONNECTOR HOUSING, 5 Wire	1	41	031824	WIRE, (black) Ammeter to Switch	1
21	023595	CONNECTOR HOUSING, 4 Wire	1	43	031895	CONNECTOR	1
22	031106	CONNECTOR HOUSING, 3 Wire	1		031192	BULB (For Item No. 4, PTO Light)	1

DASH, CONTROLS AND ELECTRICAL

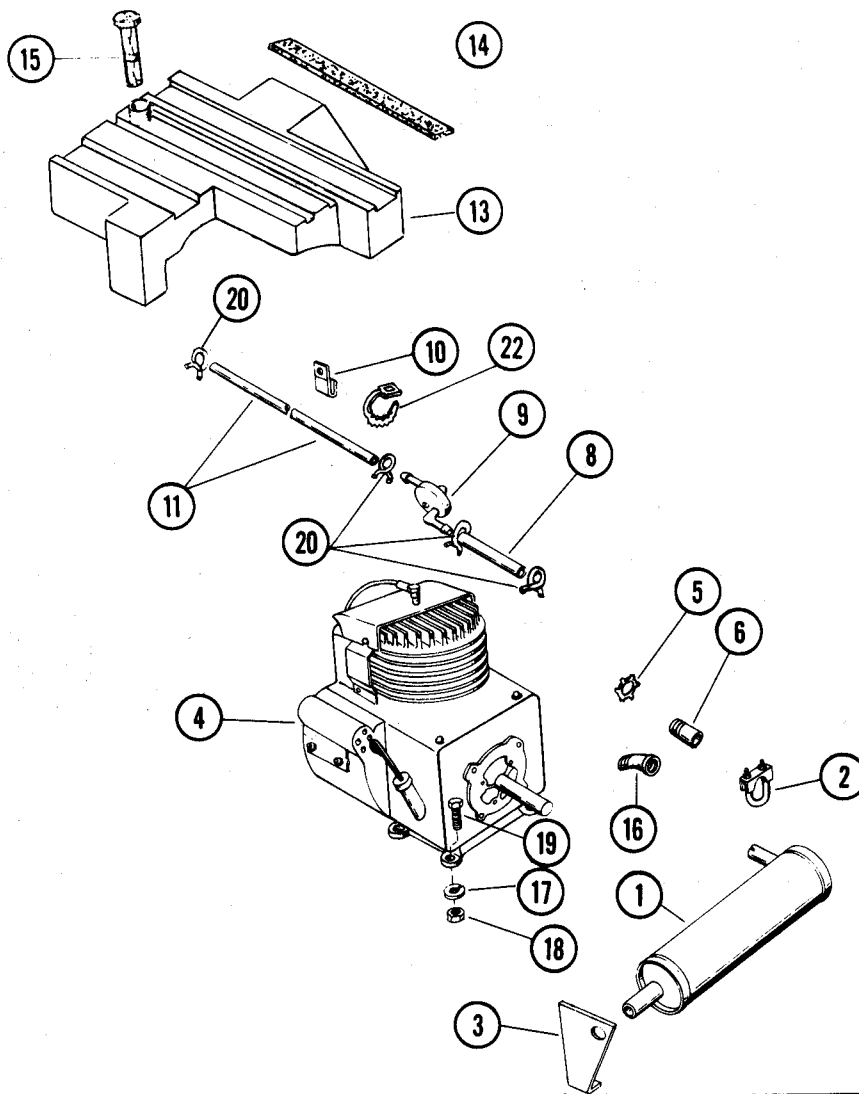
MODELS 931013-18



REF. NO.	PART NO.	DESCRIPTION						REF. NO.	PART NO.	DESCRIPTION					
			931013	931014	931016	931017	931018				931013	931014	931016	931017	931018
1	531058	DASH W/Decal	1	—	—	—	—	28	064127	WASHER, Flat 1/4"	4	4	—	—	—
	531101	DASH W/Decal (18 H.P. Only)	—	1	—	—	—	29	061012	MACHINE SCREW, No. 10-24 x 1/2	2	3	—	—	—
2	031150	SWITCH, Clutch	1	2	—	—	—	30	025172	SWITCH	1	1	—	—	—
3	031151	SWITCH, Lights	1	1	—	—	—	31	065032	NUT, Hex, 1/4"	8	8	—	—	—
4	065104	NUT, Jam, 1/2"	2	3	—	—	—	32	063029	LOCKWASHER, Internal Tooth, 9/16"	1	1	—	—	—
5	075068	KNOB, Switch	2	3	—	—	—	33	075061	GROMMET	1	1	—	—	—
6	031152	SWITCH, Ignition	1	1	—	—	—	34	063011	LOCKWASHER, External Tooth, No. 10	14	16	—	—	—
7	013157	KEY SET	1	1	—	—	—	35	065055	NUT, Hex, No. 10-24	14	16	—	—	—
8	065106	NUT, Special, 9/16"	1	1	—	—	—	36	031070	CLIP	2	2	—	—	—
9	031179	PTO Indicator & Wire Ass'y	1	1	—	—	—	37	064141	WASHER	4	4	—	—	—
	031983	PTO Indicator & Wire Ass'y	—	1	—	—	—	38	065026	NUT	4	4	—	—	—
10	074043	SCREW, Self-Tapping, No. 10 x 1/2	4	4	—	—	—	39	063011	LOCKWASHERS	4	4	—	—	—
11	059001	CAP SCREW, HH, 1/4 x 3/4	8	8	—	—	—	40	531074	RELAY - Diode	1	1	—	—	—
12	069103	CHOKE CONTROL ASS'Y	1	—	—	—	—		031976	RELAY - Diode 18 H.P. Only	—	1	—	—	—
	069115	CHOKE CONTROL ASS'Y, 18 Only	—	1	—	—	—	41	031716	SEAT SWITCH	1	1	—	—	—
13	069104	THROTTLE CONTROL	1	—	—	—	—	42	031833	BRACKET - Switch	1	1	—	—	—
	069116	THROTTLE CONTROL, 18 Only	—	1	—	—	—	44	075045	RUBBER BOOT	1	1	—	—	—
14	075019	KNOB, Throttle Control	1	1	—	—	—	45	023478	CONNECTOR HOUSING, 5 Wire	1	1	—	—	—
15	031085	BATTERY, 12 Volt	1	1	—	—	—	46	023595	CONNECTOR HOUSING, 4 Wire	1	2	—	—	—
16	031111	CABLE ASS'Y, Solenoid to Starter	1	1	—	—	—	47	031106	CONNECTOR HOUSING, 3 Wire	1	1	—	—	—
17	031720	SOLENOID STARTER SWITCH	1	1	—	—	—	48	031895	CONNECTOR HOUSING, 2 Wire	1	1	—	—	—
18	031117	AMMETER	1	1	—	—	—	49	031105	CONNECTOR	1	1	—	—	—
19	031107	SWITCH, Safety (Hydro Models)	1	1	—	—	—	50	031149	HEAD LIGHT	2	2	—	—	—
	029131	SWITCH, Safety Gear Models	1	1	—	—	—	51	031159	RETAINER RING	2	2	—	—	—
20	075057	INSULATOR	1	1	—	—	—	52	061040	SCREW, Machine, Truss H. No. 10-1/2"	8	8	—	—	—
21	065071	NUT, Special, 5/8" (Hydro Models)	1	1	—	—	—	53	064001	WASHER	8	8	—	—	—
	065096	NUT, Gear Models	1	1	—	—	—	54	631006	TAIL LIGHT	2	2	—	—	—
22	031102	CIRCUIT BREAKER, 20 Amp	1	1	—	—	—			BULB - for item 54 GE 1895 (not ill.)	2	2	—	—	—
23	031108	CIRCUIT BREAKER, 6 Amp	1	2	—	—	—		031375	LENS - Red for item 54 (not ill.)	2	2	—	—	—
24	031110	CABLE ASS'Y, Battery to Solenoid	1	1	—	—	—	55	031962	HOURLY METER, (Model 931015 Only)	—	1	—	—	—
25	031103	CABLE ASS'Y, Battery to Ground	1	1	—	—	—	56	075063	BOOT, Switch	1	1	—	—	—
26	031109	REGULATOR RECTIFIER	1	—	—	—	—	57	030006	SPACER, (For use with Dash No. 531058 Only)	1	1	—	—	—
27	063002	LOCKWASHER, 1/4"	8	2	—	—	—								

MUFFLER, FUEL LINES & TANK

MODELS 931004-12

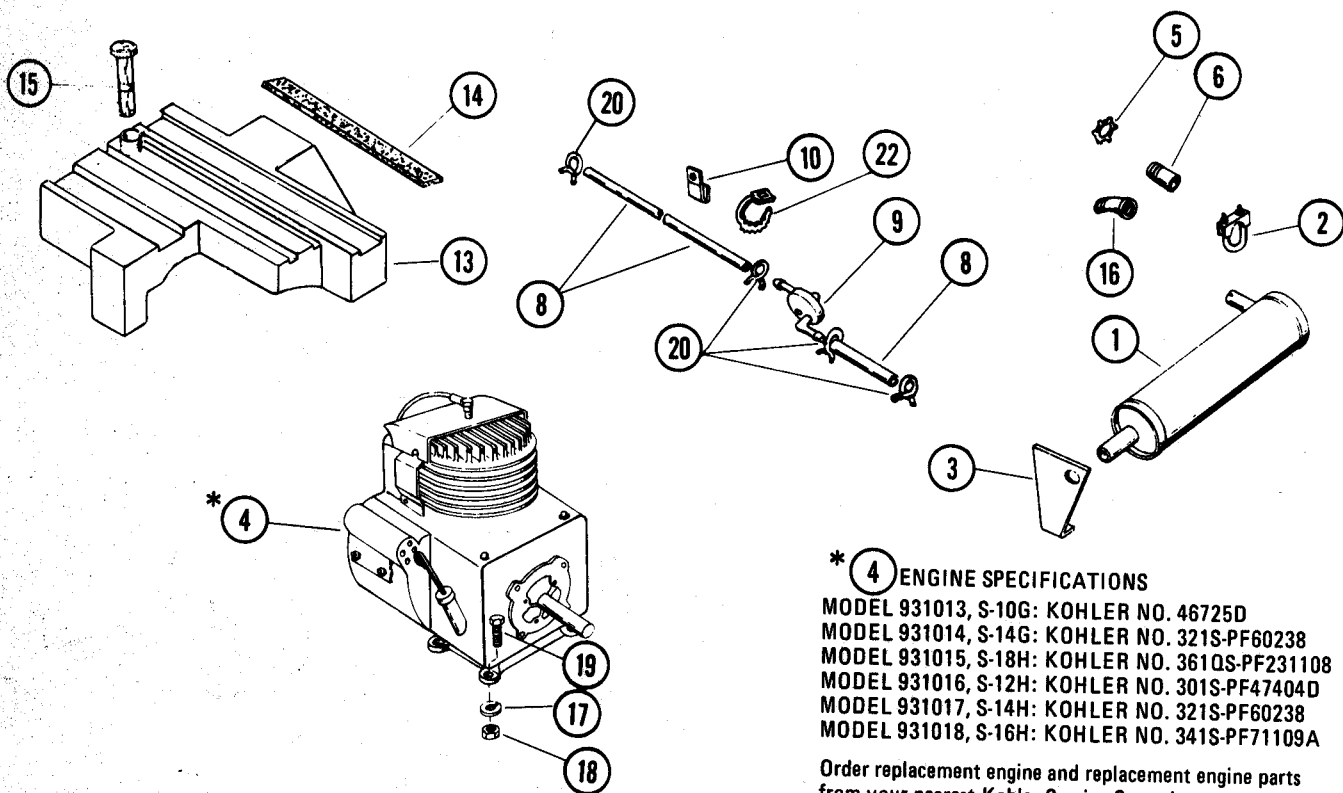


REF NO.	PART NO.	DESCRIPTION	REF NO.	PART NO.	DESCRIPTION
1	031184	MUFFLER 931006, 10, 11, 12	1	8	029113 HOSE, 4" Long
	031155	MUFFLER 931004, 5, 8, 9	1	9	029108 FILTER, Fuel
2	023077	CLAMP 931004, 5, 8, 9	1	10	069094 "J" CLAMP
	031266	CLAMP 931006, 10, 11, 12	1	11	031264 HOSE, 47" Long
3	031082	BRACKET, Muffler 931004, 5, 8, 9	1	13	031475 TANK, Fuel 931004, 5, 6
	031187	BRACKET, Muffler 931006, 10	1	13	031818 TANK, Fuel 931008-12
4		ENGINE, S-12, Kohler No.	1	14	031126 FELT, 16" Long
		301S-47404D, 931004, 8	1	15	031819 GAS GAUGE & CAP
		ENGINE, S-14 Kohler No. 321-S 60238,	1		031079 GAS GAUGE & CAP 931004-6
		931005, 9, 12	1	16	031190 ELBOW, Street, 45°, 1-1/4 931006,
		ENGINE, S-16 Kohler No.	1		10, 12
		341S-71109A, 931006, 10	1	17	063021 LOCKWASHER, 3/8
		ENGINE, S-10, Kohler No. 46725D,	1	18	065018 NUT, Hex, 3/8
		931011	1	19	059151 CAP SCREW, HH, 3/8 x 1-1/2 GR.5
5	070039	LOCKNUT, Special 931004, 5, 8, 9,	1	20	029172 HOSE CLAMP
		11, 12	1		
	070040	LOCKNUT, Special 931006, 10	1	22	069053 TIE
6	031177	PIPE, 1-1/4 x 2" 931006, 10	1		
6	031180	PIPE NIPPLE 931008, 9, 11, 12	1		

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Nearest Kohler Service Central

MUFFLER, FUEL LINES & TANK

MODELS 931013 — 931018

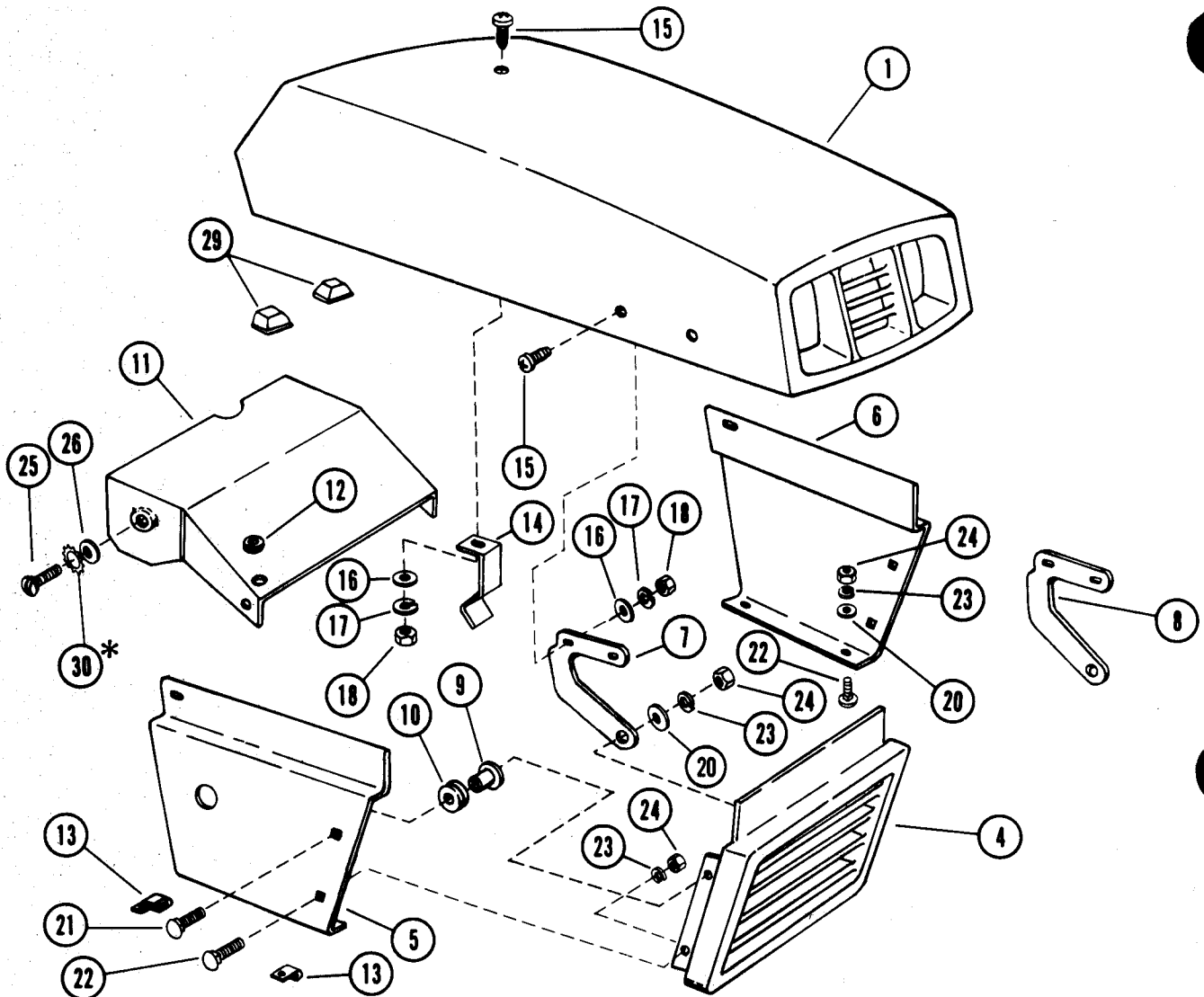


REF. PART NO.	DESCRIPTION	NO. REQ'D	REF. PART NO.	DESCRIPTION	NO. REQ'D
1 031984	MUFFLER, S-18H	1	9 029108	FILTER, Fuel	1
030019	MUFFLER, S-10G, S-14G, S-12H, S-14H, S-16H	1	10 069094	"J" CLAMP	1
2 031985	CLAMP, S-18H	1	13 031818	TANK, Fuel	1
031266	CLAMP, S-16H, S-10G, S-14G, S-12H, S-14	1	14 031904	FOAM, 6" Long	1
3 031187	BRACKET, Muffler, S-12H, S-14H S-16H, S-10G, S-14G	1	15 031819	GAS GAUGE & CAP	1
4*	ENGINE, (See above list for engine specifications)	1	16 031190	ELBOW, Street, 45°, 1-1/4" S-16H	1
5 070039	LOCKNUT, Special, S-12H, S-14H, S-18H, S-10G, S-14G	1	030018	ELBOW, S-10G, S-12H, S-14G, S-14H	1
070040	LOCKNUT, Special, S-16H	1	17 063021	LOCKWASHER, 3/8"	4
030017	PIPE, Nipple, S-12H, S-14H, S-10G, S-14G	1	18 065018	NUT, Hex, 3/8"	4
031177	PIPE, 1-1/4 - 2" S-16H	1	19 059151	CAP SCREW, HH, 3/8 x 1-1/2 GR. 5	4
030020	HOSE, 55" Long	1	20 029172	HOSE CLAMP	4
			22 069053	TIE	1

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HOOD, GRILL, AND HEAT SHIELD

MODELS 931004-931018



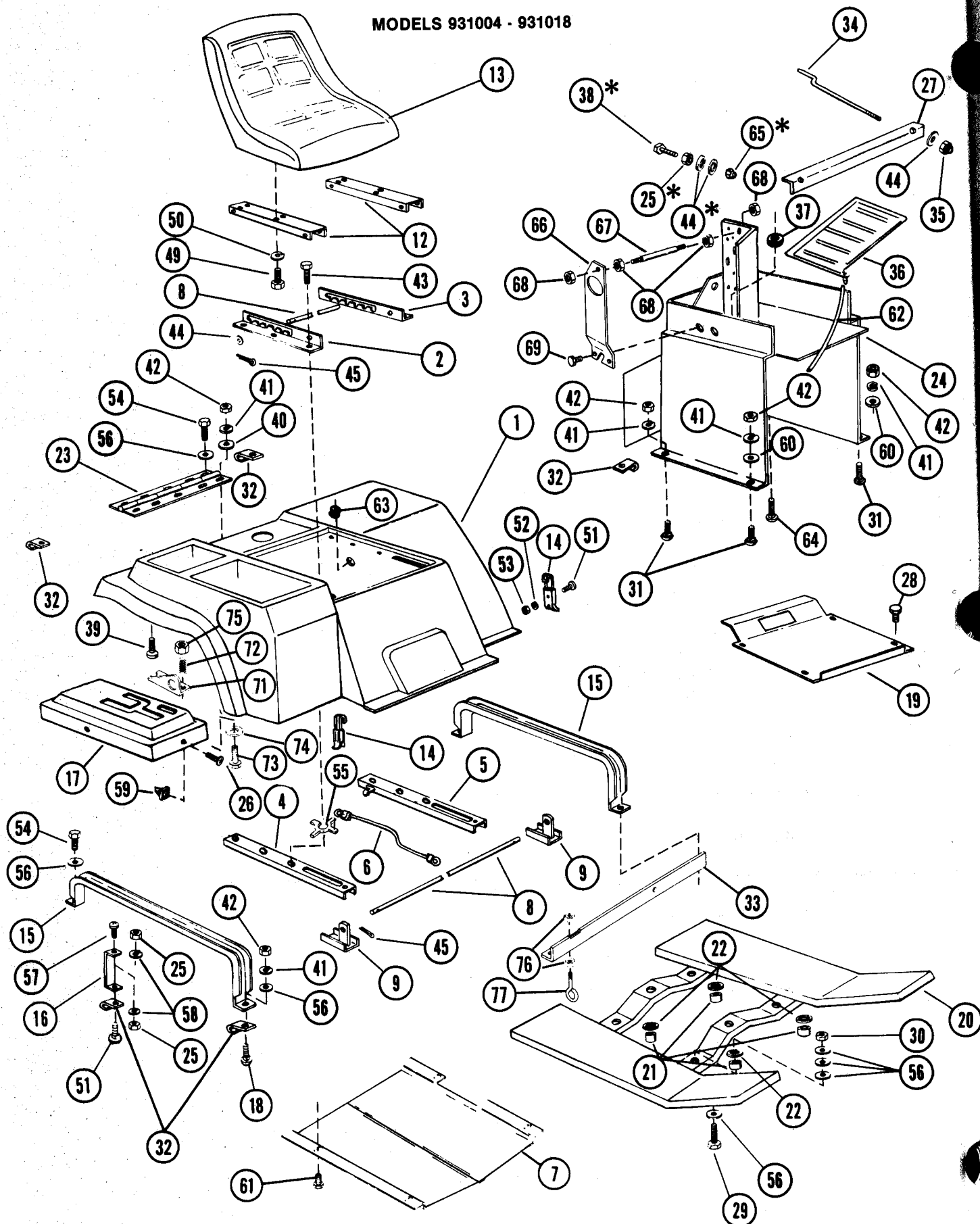
REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D	REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	031174	HOOD, NOTE: Decals, Nameplates, & Hood Stops Must Be Ordered As Required	1	14	031093	LATCH	1
4	031046	GRILL	1	15	061039	SCREW, Machine, Truss H, 1/4 x 3/4	5
5	031139	SIDE, Right Hand	1	16	064127	WASHER, Flat, 1/4"	5
6	031138	SIDE, Left Hand	1	17	063002	LOCKWASHER, 1/4"	5
7	031185	HINGE, Right Hand	1	18	065032	NUT, Hex, 1/4"	5
8	031186	HINGE, Left Hand	1	20	064008	WASHER, Flat, 3/8"	6
9	031145	SPACER, 3/4"	2	21	062032	BOLT, Carriage 3/8" x 2	2
10	075064	GROMMET	2	22	062013	BOLT, Carriage 3/8" x 1	6
11	031986	MUFFLER SHIELD (931013, 14, 15)	1	23	063021	LOCKWASHER, 3/8"	8
	031091	MUFFLER SHIELD (931004, 5, 6, 8, 9, 10, 11, 12, 16, 17, 18)	1	24	065018	NUT, Hex, 3/8"	8
12	075066	GROMMET	1	25	061042	SCREW, Machine, Truss H, 5/16 x 3/4	2
13	069094	"J" CLAMP	2	26	064123	WASHER, Flat, 5/16"	2
				29	075058	HOOD STOP	2
				30*	063018	STAR LOCKWASHER	2

*(A quantity of 4 is required on Model 931015)

Notes

REAR DECK, SEAT, DASH SUPPORT, RUNNING BOARD

MODELS 931004 - 931018



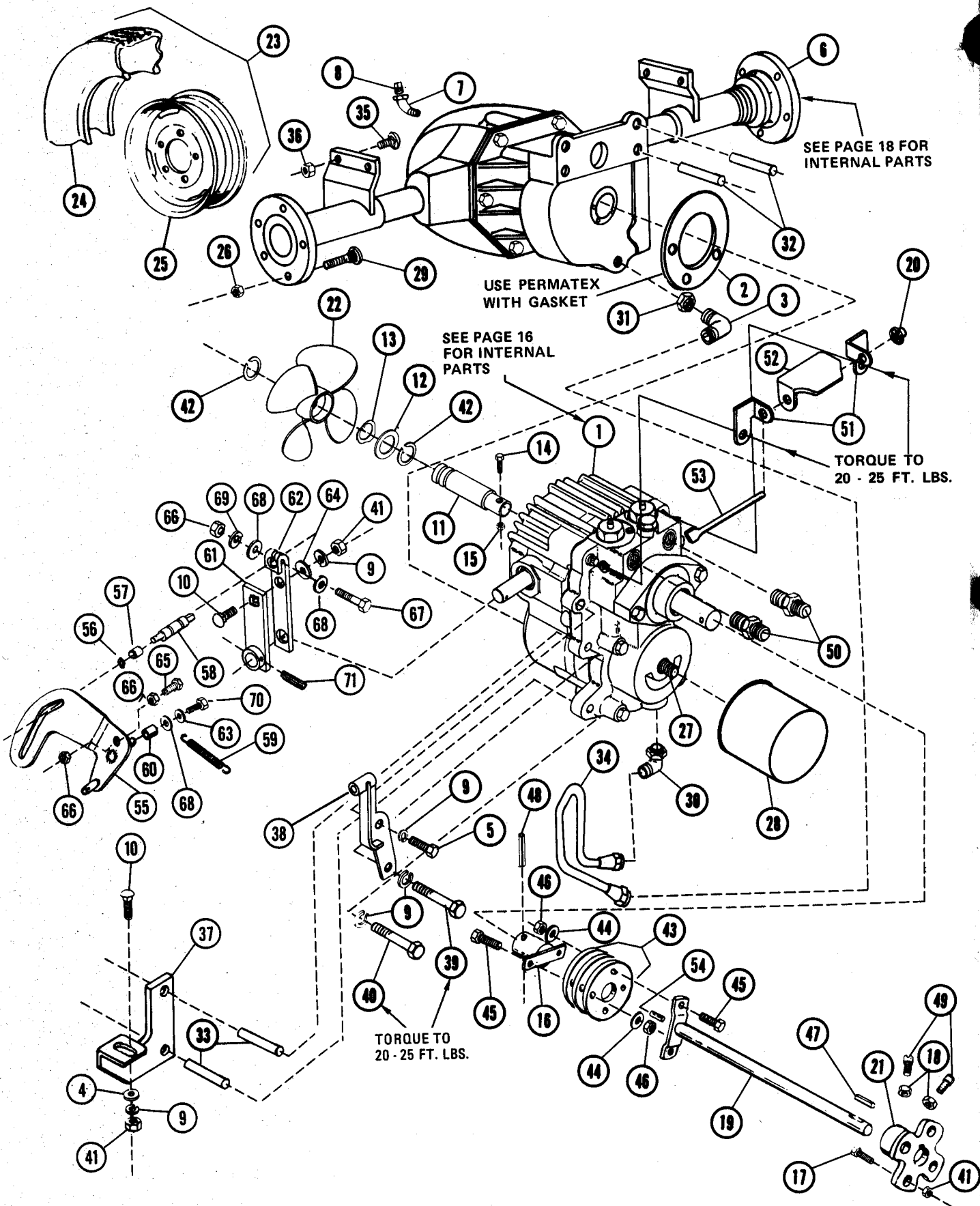
*THESE PARTS NOT REQUIRED ON MODEL 931015

MODELS 931004 - 931018

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MAIN DRIVE

HYDROSTATIC MODELS 931004, 931005, 931006, 931008, 031009, 931010



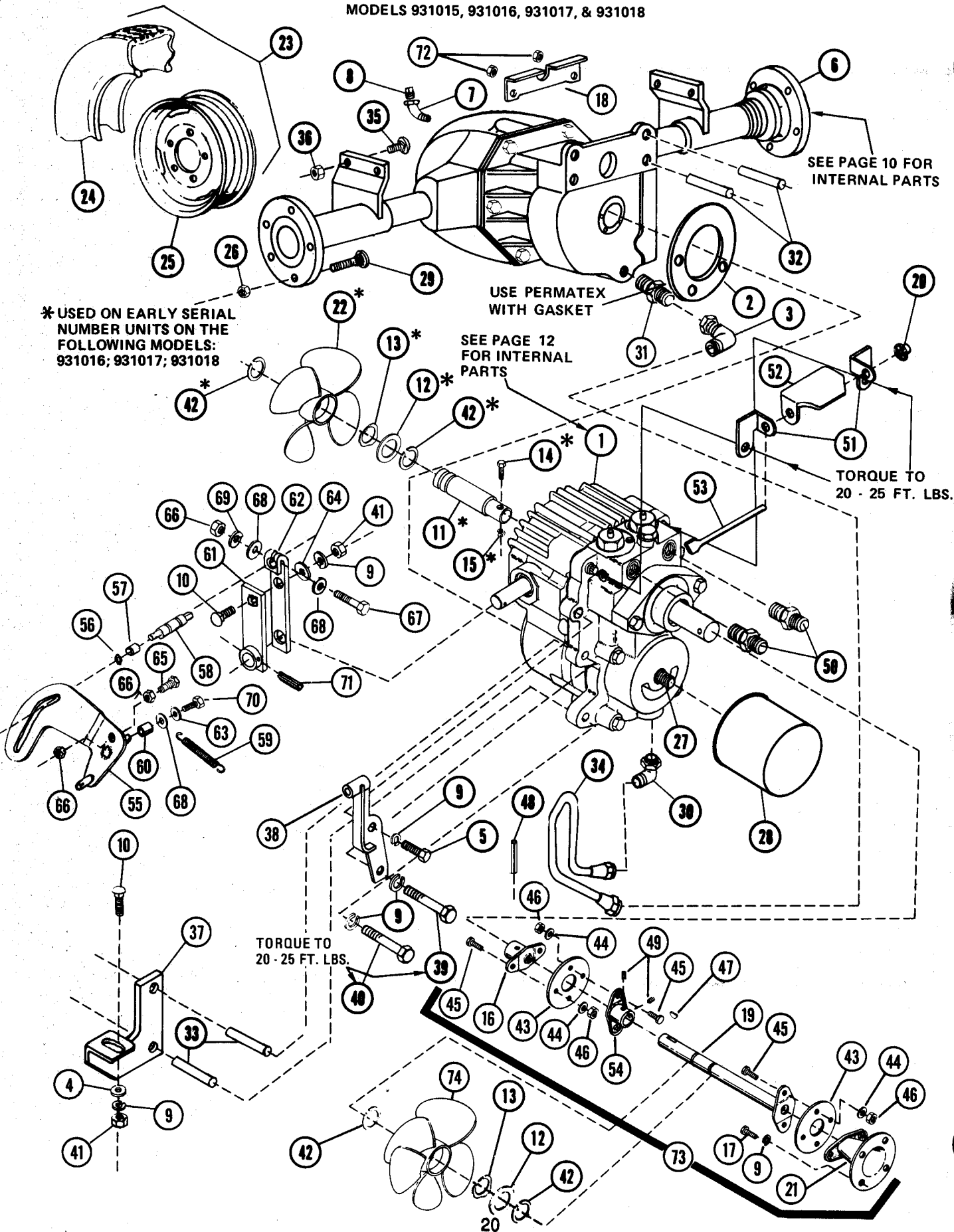
MAIN DRIVE

HYDROSTATIC MODELS 931004, 931005, 931006, 931008, 931009 & 931010

REF NO.	PART NO.	DESCRIPTION	NO REQ'D	REF NO.	PART NO.	DESCRIPTION	NO REQ'D
1	631088	TRANSMISSION (931005-10)	1	36	065097	LOCK NUT	4
	631087	TRANSMISSION (931004)	1	37	031491	BRACKET	1
2	031480	GASKET	1	38	031574	PIVOT BRACKET	1
3	031485	ELBOW, 90°, SWIVEL	1	39	059175	CAP SCREW	1
4	064008	WASHER	1	40	059171	CAP SCREW	3
5	059006	CAP SCREW, HH, 3/8 x 1-1/4	1	41	065018	NUT, Hex, 3/8"	2
6	631066	AXLE	1	42	057062	RING, External Snap	2
7	031125	STREET ELBOW, 1/2" x 45°	1	43	031075	WASHER, Special	3
8	001137	PLUG, Pipe, 1/2"	1	44	064123	WASHER, Flat, 5/16	4
9	063021	LOCKWASHER, 3/8"	7	45	059069	CAP SCREW, HH, 5/16 x 101/4	4
10	062013	CARRIAGE BOLT	2	46	065101	LOCKNUT, Hex, 5/16	4
11	031516	SHAFT	1	47	066003	KEY, Woodruff, 3/16 x 3/4	1
12	064063	WASHER, Special	1	48	058007	PIN, Roll	1
13	011113	WAVE WASHER	1	49	060031	SETSCREW, Sq. Hd., 5/16 x 1	2
14	059056	CAP SCREW	1	50	031495	CONNECTOR	2
15	065040	LOCK NUT	1	51	031570	SUPPORT	2
16	031514	COUPLING	1	52	031577	CAM	1
17	059133	CAP SCREW, HH, 3/8" x 1-1/4", Gr. 5	4	53	031572	PIVOT ROD	1
18	065061	NUT, Jam, 5/16	2	54	058015	ROLL PIN, 5/16 x 3/4	1
19	631051	SHAFT, W/Roll Pin	1	55	031492	CAM	1
20	031573	PUSH NUT	1	56	057063	SNAP RING	1
21	631026	HOUSING & BUSHING ASS'Y	1	57	031137	ROLLER, 1/2" O.D.	1
22	031515	FAN	1	58	031023	ECCENTRIC PIN	1
23	631002	TIRE & WHEEL ASS'Y (931004, 5, 6, 9, 10), Consists of	2	59	083116	SPRING, 2-13/16 Long	1
24		071105 TIRE, 23 x 10.50-12		60	031691	HUB	1
25		071106 WHEEL W/Valve		61	031493	HUB	1
23	631097	TIRE & WHEEL ASS'Y (931008) Consists of	2	62	031494	PINTLE ARM	1
24		071114 TIRE		63	064003	WASHER, Flat, 1/2"	1
25		071115 RIM		64	064043	WASHER, Flat, 3/8"	1
26	065114	LUG NUT	10	65	059132	CAP SCREW, HH, 1/4 x 1	1
27	031618	FILTER UNION	1	66	065032	NUT, Hex, 1/4"	3
28	031486	FILTER, Oil	1	67	059162	CAP SCREW, HH, 1/4 x 2", Grade 5	1
29	070044	LUG BOLT	10	68	064127	WASHER, Flat, 1/4"	3
30	031489	ELBOW, 90° "O" Ring	1	69	063002	LOCKWASHER, 1/4"	1
31	031484	CONNECTOR, Male	1	70	070015	FLANGE WHIZLOCK SCREW, 1/4-20 x 1/2"	1
32	031487	SPACER	2	71	058038	ROLL PIN	1
33	031488	SPACER	2				
34	031490	TUBE, Assembly	1				
35	062014	CARRIAGE BOLT	4				

MAIN DRIVE

MODELS 931015, 931016, 931017, & 931018



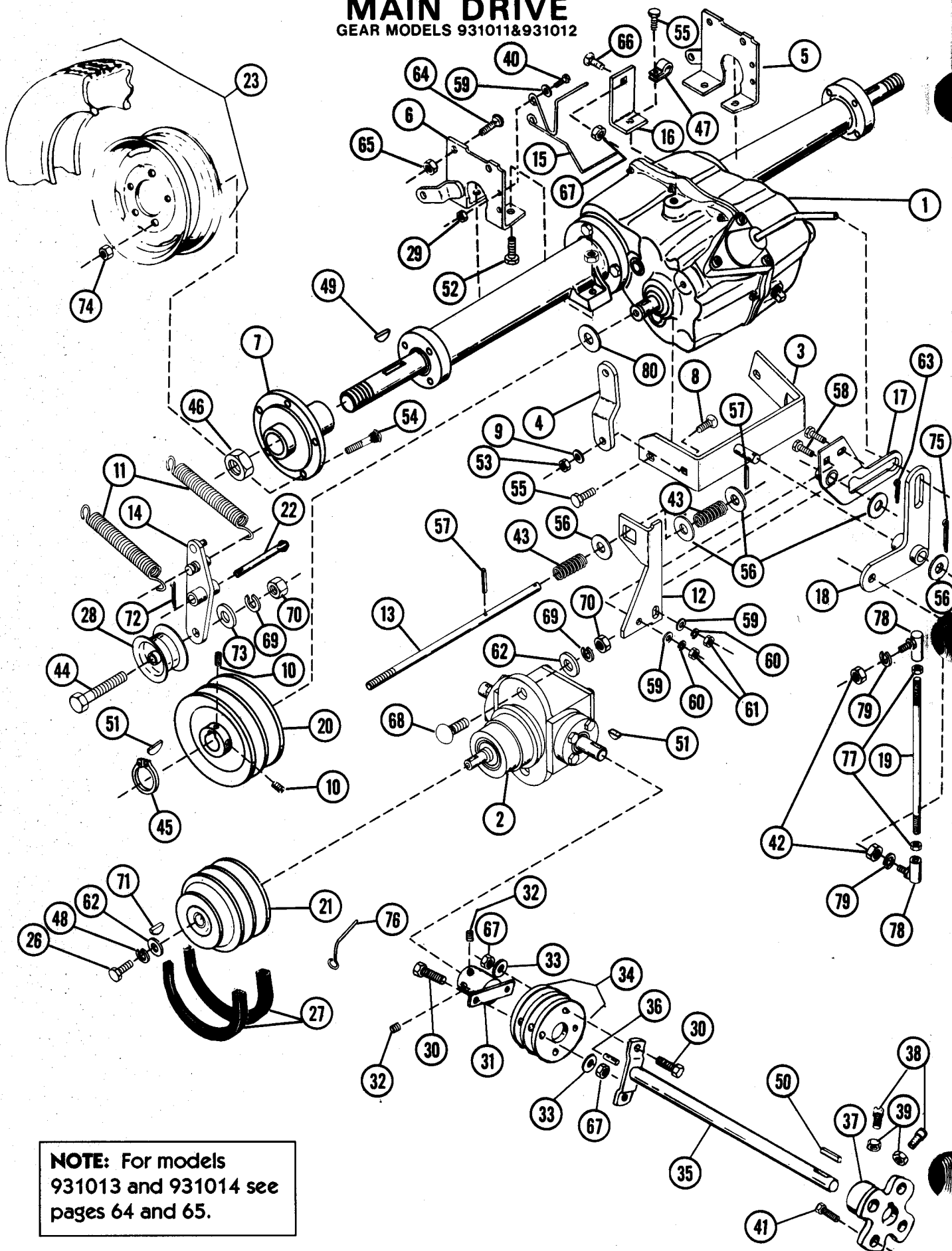
MAIN DRIVE

MODELS 931015, 931016, 931017, & 931018

REF. PART NO. NO.				DESCRIPTION	NO. REQ'D	REF. PART NO. NO.				DESCRIPTION	NO. REQ'D
1	631088	TRANSMISSION	1			36	065127	LOCK NUT	4		
2	031480	GASKET	1			37	031491	BRACKET	1		
3	031485	ELBOW, 90°, SWIVEL	1			38	031574	PIVOT BRACKET	1		
4	064008	WASHER	1			39	059175	CAP SCREW	1		
5	059006	CAP SCREW, HH, 3/8 x 1-1/4	1			40	059171	CAP SCREW	3		
6	631145	AXLE	1			41	065018	NUT, Hex, 3/8"	2		
7	031125	STREET ELBOW, 1/2" x 45°	1			42	057062	RING, External Snap (S-12H, S-14H, S-16H)	2		
8	001137	PLUG, Pipe, 1/2"	1				057012	RING, External Snap (S-18H only)	2		
9	063021	LOCKWASHER, 3/8"	7			43	031952	SPACER, Special	2		
10	062013	CARRIAGE BOLT	2			44	064007	WASHER, Flat, 5/16	8		
11	031516	SHAFT	1			45	059039	CAP SCREW, HH, 5/16 x 1/2	8		
12	064063	WASHER, Special	1			46	065042	LOCKNUT, Hex, 5/16	4		
	064095	WASHER, Special (Model 931015 only)	1			47	066003	KEY, Woodruff, 3/16 x 3/4	1		
13	011113	WAVE WASHER	1			48	058007	PIN, Roll	1		
	003328	WAVE WASHER (Model 931015 only)	2			49	060012	SETSCREW, Sq. Hd., 5/16 x 1	2		
14	059056	CAP SCREW	1			50	031495	CONNECTOR	2		
15	065040	LOCK NUT	1			51	031570	SUPPORT	2		
16	031982	COUPLING	1			52	031577	CAM	1		
17	059099	CAP SCREW	4			53	031572	PIVOT ROD	1		
18	031987	TORQUE BRACE (Model 931015 only)	1			54	031951	OUTPUT COUPLING	1		
19	631153	SHAFT, W/Roll Pin	1			55	031492	CAM	1		
20	031573	PUSH NUT	1			56	057063	SNAP RING	1		
21	031978	DRIVE COUPLING	1			57	031137	ROLLER, 1/2" O.D.	1		
22	031515	FAN	1			58	031023	ECCENTRIC PIN	1		
23	631002	TIRE & WHEEL ASS'Y, Consists of	2			59	083116	SPRING, 2-13/16 Long	1		
24	071105	TIRE, 23 x 10.50-12	1	Models 931015		60	031691	HUB	1		
25	071106	WHEEL W/Valve	1	931017 & 931018		61	031493	HUB	1		
23	631097	TIRE & WHEEL ASS'Y Consists of	2			62	031494	PINTLE ARM	1		
24	071114	TIRE	1	Model 931016 Only		63	064003	WASHER, Flat, 1/2"	1		
25	071115	RIM	1			64	064043	WASHER, Flat, 3/8"	1		
26	065114	LUG NUT	10			65	059132	CAP SCREW, HH, 1/4 x 1	1		
27	031618	FILTER UNION	1			66	065032	NUT, Hex, 1/4"	3		
28	031928	FILTER, Oil	1			67	059162	CAP SCREW, HH, 1/4 x 2", Grade 5	1		
29	070044	LUG BOLT	10			68	064127	WASHER, Flat, 1/4"	3		
30	031489	ELBOW, 90° "O" Ring	1			69	063002	LOCKWASHER, 1/4"	1		
31	031484	CONNECTOR, Male	1			70	070015	FLANGE WHIZLOCK SCREW, 1/4-20 x 1/2"	1		
32	031487	SPACER	2			71	058038	ROLL PIN	1		
33	031488	SPACER	2			72	065043	NUT, (Model 931015 Only)	2		
34	031490	TUBE, Assembly	1			73	531094	DRIVE SHAFT ASSEMBLY	1		
35	062014	CARRIAGE BOLT Grade 5	4			74	031995	FAN	1		

MAIN DRIVE

GEAR MODELS 931011&931012



NOTE: For models 931013 and 931014 see pages 64 and 65.

MAIN DRIVE

GEAR MODELS 931011&931012

REF NO.	PART NO.	DESCRIPTION	NO REQ'D	REF NO.	PART NO.	DESCRIPTION	NO REQ'D
1		* TRANSAXLE	1	41	059133	CAP SCREW, HH. 3/8 x 1-1/4", Grade 5	4
2		* T-DRIVE HEAD ASSEMBLY	1	42	065115	LOCKNUT	2
3	031771	BRACKET	1	43	083120	COMPRESSION SPRING	2
4	031821	STRAP	1	44	059068	CAP SCREW, 3/18 - 16 x 2	1
5	031730	SUPPORT - L.H. Axle	1	45	057012	SNAPPING EXTENSION	1
6	031731	SUPPORT - R.H. Axle	1	46	065120	NUT, Hex Jam	2
7	031728	WHEEL HUB	2	47	069094	J- Clamp	1
8	062028	BOLT, Carriage 3/8-16 x 1 Gr. 5	1	48	063003	LOCKWASHER, 5/16	1
9	064043	WASHER	1	49	066030	KEY, Woodruff 1/4" x 1-1/8"	2
10	060032	SETSCREW	2	50	066001	KEY, Straight NO. 11	1
11	083168	SPRING EXT.	2	51	066003	KEY, Woodruff No. 9	2
12	031774	BRACKET	1	52	054151	CAP SCREW, 3/8-16 x 1-1/2"	4
13	031738	ROD	1	53	065039	LOCKNUT	1
14	031743	IDLER ARM	1	54	070044	LUG BOLT	10
15	031768	BELT FINGER	1	55	070031	SCREW, Whizlock	3
16	031735	BRACKET	1	56	064003	WASHER	5
17	031741	BELL CRANK	1	57	058009	ROLL PIN, 1/8 x 1	1
18	031773	BELL CRANK	1	58	059028	CAP SCREW, 1/4-20 x 1/2	2
19	031793	ROD	1	59	064007	WASHER, 1/4 Standard	4
20	031772	SHEAVE	1	60	063002	LOCKWASHER	2
21	031742	SHEAVE	1	61	065032	NUT, 1/4 - 20	2
22	031744	IDLER PIN	1	62	064002	WASHER	2
23	631002	TIRE & WHEEL ASSEMBLY S-14G	2	63	067024	COTTER PIN, 1/8 x 3/4	4
	071105	TIRE, 23 x 10.50 x 12	2	64	062014	BOLT, Carriage 1/2-13 x 1-1/4	4
	071106	WHEEL RIM W/Valve	2	65	065097	LOCKNUT, 1/2-13	4
23	631097	TIRE & WHEEL ASSEMBLY S-10G only	2	66	062015	BOLT, Carriage 5/16-18 x 1	1
	071114	TIRE, 23 x 8.50 x 12	2	67	065042	LOCKNUT	7
	071115	WHEEL RIM	2	68	062016	BOLT, Carriage	2
26	059135	CAP SCREW, 5/16-18 x 3/4	1	69	063004	LOCKWASHER	3
27	072090	V-BELT, Matched Set	1	70	065018	NUT	3
28	073055	IDLER	1	71	066014	KEY, Woodruff No. 61	1
29	065040	LOCKNUT	2	72	067004	PIN COTTER, 5/32 x 1	1
30	059069	CAP SCREW, HH. 5/16 x 101/4"	4	73	064008	WASHER 3/8	1
31	031749	COUPLING	1	74	065114	LUG NUT	10
32	060012	SETSCREW	2	75	067016	COTTER PIN	1
33	064123	WASHER, Flat 5/16"	4	76	031755	BELT FINGER	1
34	031075	SPACER COUPLING	3	77	065061	JAM NUT	2
35	631096	DRIVE SHAFT ASSEMBLY, W/Roll Pin	1	78	003086	BALL JOINT	2
36	058013	ROLL PIN, 5/16 x 2	1	79	063003	LOCKWASHER	2
37	631026	HOUSING & BUSHING ASSEMBLY	1	80	064164	WASHER, .805/.842 x 2 x 16 Ga.	1
38	060031	SET SCREW, Sq. Hd. 5/16 x 1	2	81	065122	LOCKNUT, 3/8-16	4
39	065061	NUT, Jam 5/16	2	82	067021	COTTER PIN, 1/8 x 1-1/2	1
40	059001	CAP SCREW	2				

*See Your Nearest Tecumseh Service Central For Repairs

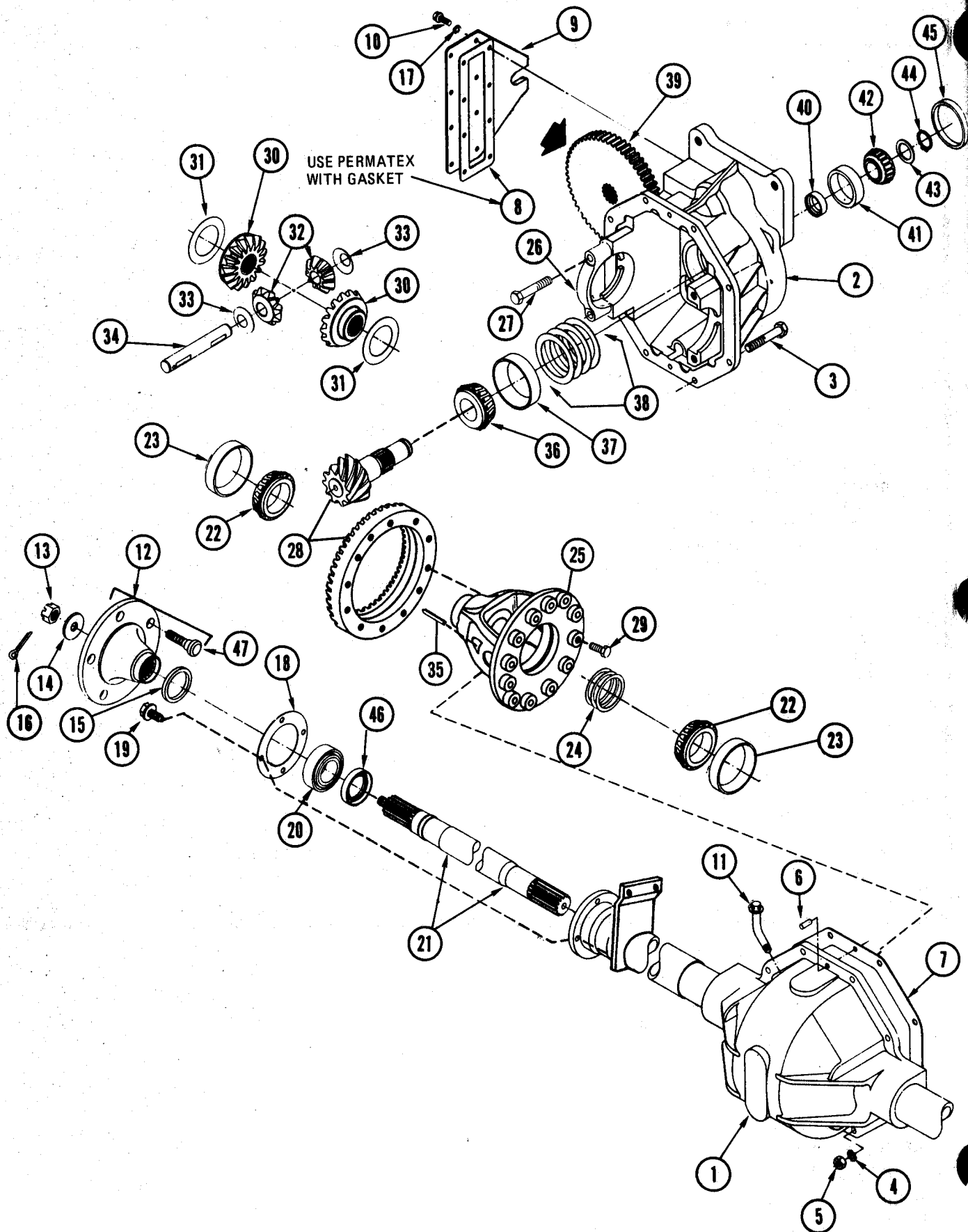
Tec. Model No. 2335 Transaxle

Tec. Model No. 3179-P91 T-Drive Head Assy.

NOTE: For models
931013 and 931014 see
pages 64 and 65.

REAR AXLE

HYDRO MODELS 931004-10 & 15-18



REAR AXLE

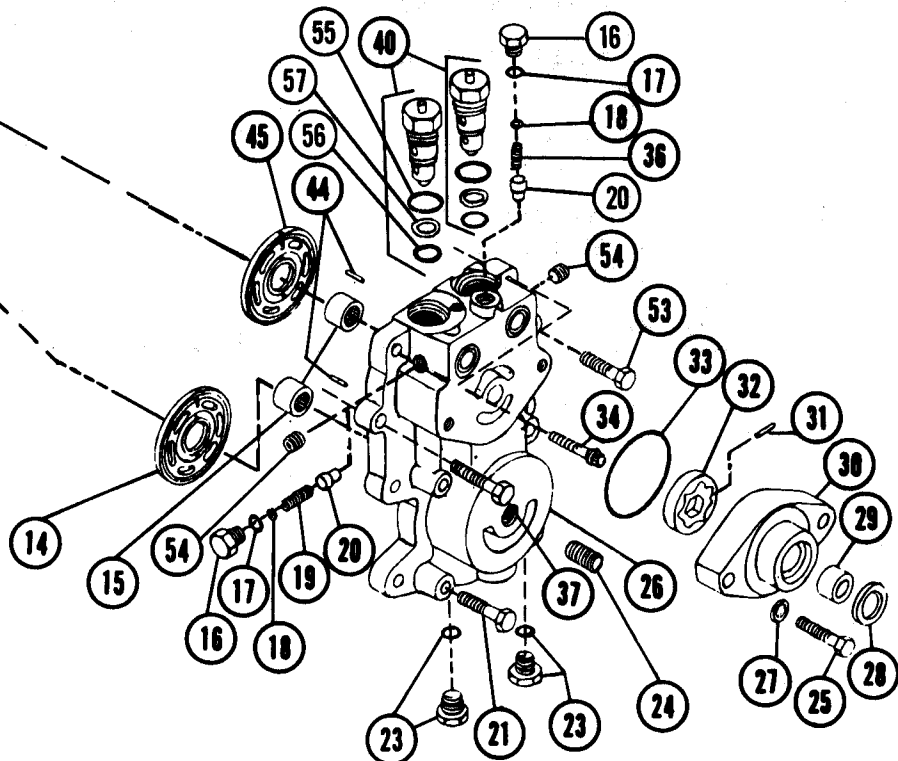
MODELS 931004-10 & 15-18

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D	REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	031970	REAR HOUSING (931015-18)	1	32	031652	BEVEL MATE GEAR	2
	031635	REAR HOUSING (931004-10)	1	33	064155	THRUST WASHER	2
2	531052	FRONT HOUSING W/Bearing Cap	1	34	031653	PINION MATE SHAFT	1
3	059181	CAP SCREW, Hex Head, 5/16" x 1" GR 5	8	35	031654	LOCK PIN	1
4	063018	LOCKWASHER, External Tooth, 5/16"	8	36	054132	BEARING CONE	1
5	065015	HEX NUT, 5/16"	8	37	054133	BEARING CUP	1
6	031637	DOWEL PIN, 1/4" x 3/4"	2	38	031655	REAR PINION BEARING SHIM, .003	AR
7	031638	HOUSING GASKET	1		031656	REAR PINION BEARING SHIM, .005	AR
8	031167	GEAR COVER GASKET	1	39	031657	SPUR GEAR	1
9	031100	LOCK PIN GUIDE	1	40	031658	FRONT PINION BEARING SPACER	1
10	074045	SELF-TAPPING SCREW, HH, No. 10 x 1/2"	8	41	054134	BEARING CUP	1
11	031639	VENT TUBE ASSEMBLY	1	42	054135	BEARING CONE	1
12	531040	WHEEL HUB W/Lug Bolts	2	43	531049	SHIM KIT (Consists of the following,	
13	065118	NUT	2		031659	FRONT PINION BEARING SHIM, .031	AR
14	064163	SPECIAL WASHER	2		031660	FRONT PINION BEARING SHIM, .033	AR
15	031641	FELT SEAL	2		031661	FRONT PINION BEARING SHIM, .035	AR
16	067005	COTTER PIN	2		031662	FRONT PINION BEARING SHIM, .037	AR
17	063024	LOCKWASHER	8		031663	FRONT PINION BEARING SHIM, .039	AR
18	031642	WHEEL BEARING GASKET	2		031664	FRONT PINION BEARING SHIM, .041	AR
19	070027	FLANGE WHIZLOCK SCREW, 5/16-18 x 3/4"	8		031665	FRONT PINION BEARING SHIM, .043	AR
20	054129	BEARING AND CONE ASSEMBLY	2		031666	FRONT PINION BEARING SHIM, .045	AR
21	031643	AXLE SHAFT - Left Hand	1		031667	FRONT PINION BEARING SHIM, .047	AR
	031644	AXLE SHAFT - Right Hand	1		031668	FRONT PINION BEARING SHIM, .049	AR
22	054130	BEARING CONE	2		031669	FRONT PINION BEARING SHIM, .051	AR
23	054131	BEARING CUP	2		031670	FRONT PINION BEARING SHIM, .053	AR
24	031645	DIFFERENTIAL BEARING ADJUSTING SHIM, .003	AR		031671	FRONT PINION BEARING SHIM, .055	AR
	031646	DIFFERENTIAL BEARING ADJUSTING SHIM, .005	AR	44	057026	RETAINING RING	1
	031647	DIFFERENTIAL BEARING ADJUSTING SHIM, .010	AR	45	031673	CUP PLUG	1
	031648	DIFFERENTIAL BEARING ADJUSTING SHIM, .030	AR	46	056093	OIL SEAL	2
25	031649	DIFFERENTIAL CASE	1	47	070044	WHEEL LUG BOLT	10
26	N.A.	BEARING CAP (This Cap is bolted to Ref. No. 2 and then machined as a matched Assembly)	2				
27	059126	HEX HEAD, CAP SCREW, 7/16" x 2"	4				
28	531050	RING AND PINION GEAR SET	1				
29	070043	SPECIAL BOLT	10				
30	031651	SIDE GEAR	2				
31	064154	THROW WASHER	2				

MODELS 931004-10 & 15-18



GENT TYPE MOTOR OIL.



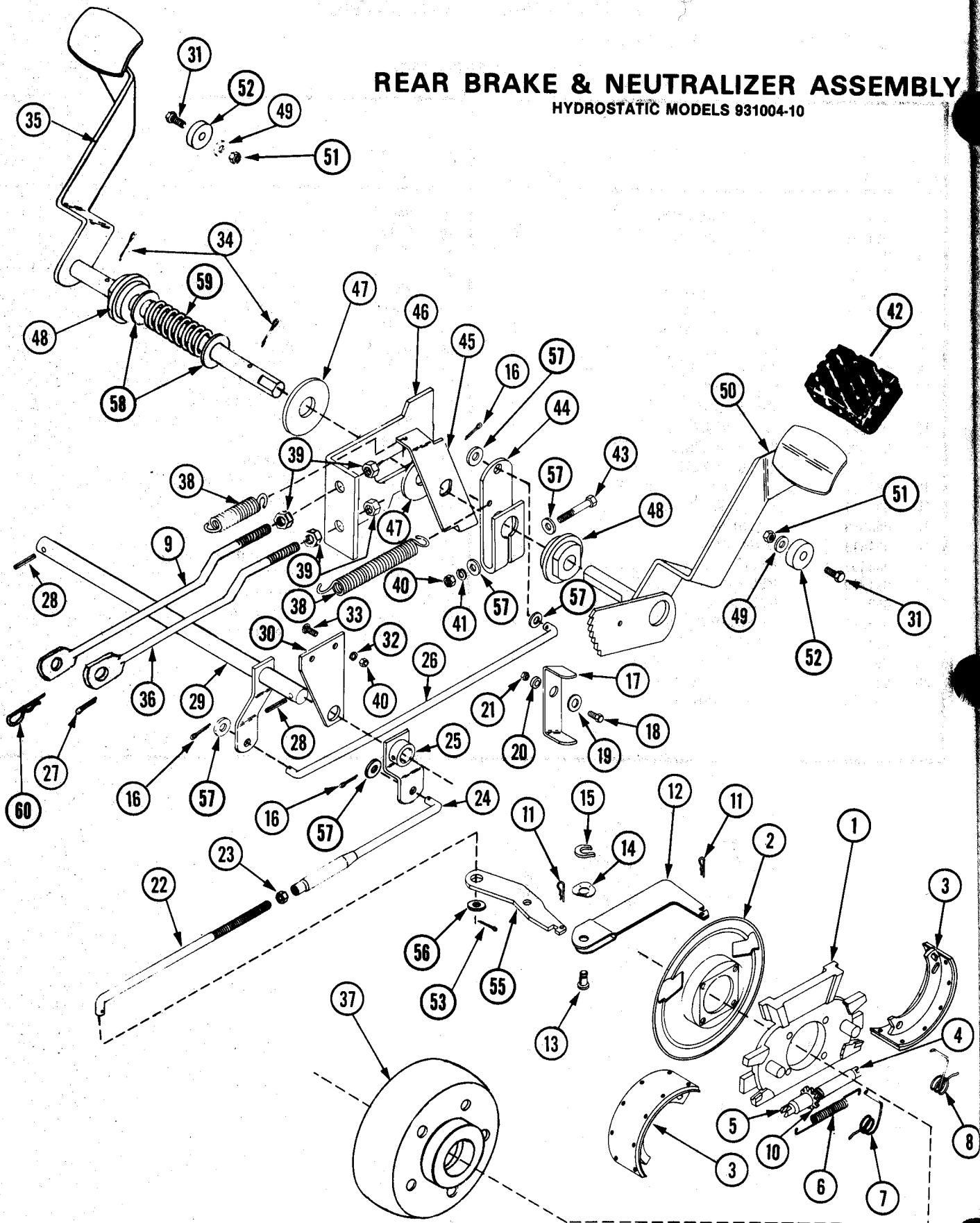
SUNSTRAND TRANSMISSION

MODELS 931004-10 & 15-18

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D	REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	054128	ROLLER BEARING	1	28	056091	LIP SEAL	2
2	054126	NEEDLE BEARING	2	29	054054	NEEDLE BEARING	1
3	056089	LIP SEAL	2	30	031617	CHG PUMP HOUSING	1
4	064151	WASHER	2	31	031631	PIN, Dowell	1
5	031615	TRUNNION SHAFT	1	32	531034	ROTOR ASSEMBLY	1
6	057069	RETAINING RING	2	33	056092	"O" RING	1
7	059180	CAP SCREW, 12 Pt.	2	34	059179	CAP SCREW, 12 Pt. GR.5	2
8	031624	HOUSING	1	36	083159	RELIEF VALVE SPRING	1
9	031629	GASKET	1	37	059133	CAP SCREW, Hex Hd. Gr. 5	1
10	031632	PIN, Dowell	2	40	531076	CHECK VALVE ASSEMBLY	2
11	031623	MOTOR SHAFT	1	44	031633	PIN, Headless Star	2
12	031622	SWASHPLATE	1	45	031628	PUMP VALVE PLATE	1
13	531035	CYLINDER BLOCK KIT	2	46	031627	THRUST PLATE	1
14	031621	MOTOR VALVE PLATE	1	47	058062	COILED SPRING PIN	3
15	054127	NEEDLE ROLLER BEARING	2	48	031626	VAR. SWASHPLATE	1
16	031611	HEX HEAD PLUG	2	49	031616	PUMP SHAFT	1
17	056088	"O" RING	2	50	054071	BALL BEARING	1
18	031613	SHIM PACK	A/R	52	031614	TRUNNION SHAFT	1
19	083157	RELIEF VALVE SPRING	1	53	059151	CAP SCREW, Hex Hd. GR. 5	1
20	031609	RELIEF VALVE CONE	2	54	031630	PIPE PLUG	2
21	059147	HEX HEAD CAP SCREW GR.5	4	55	056096	"O" RING	2
23	031608	THREADED PLUG	2	56	056097	"O" RING	2
24	031618	FILTER UNION	1	57	056098	WASHER	2
25	059126	HEX HEAD CAP SCREW	2				
26	031619	CENTER SECTION	1				
27	064153	FLAT WASHER	2				

REAR BRAKE & NEUTRALIZER ASSEMBLY

HYDROSTATIC MODELS 931004-10

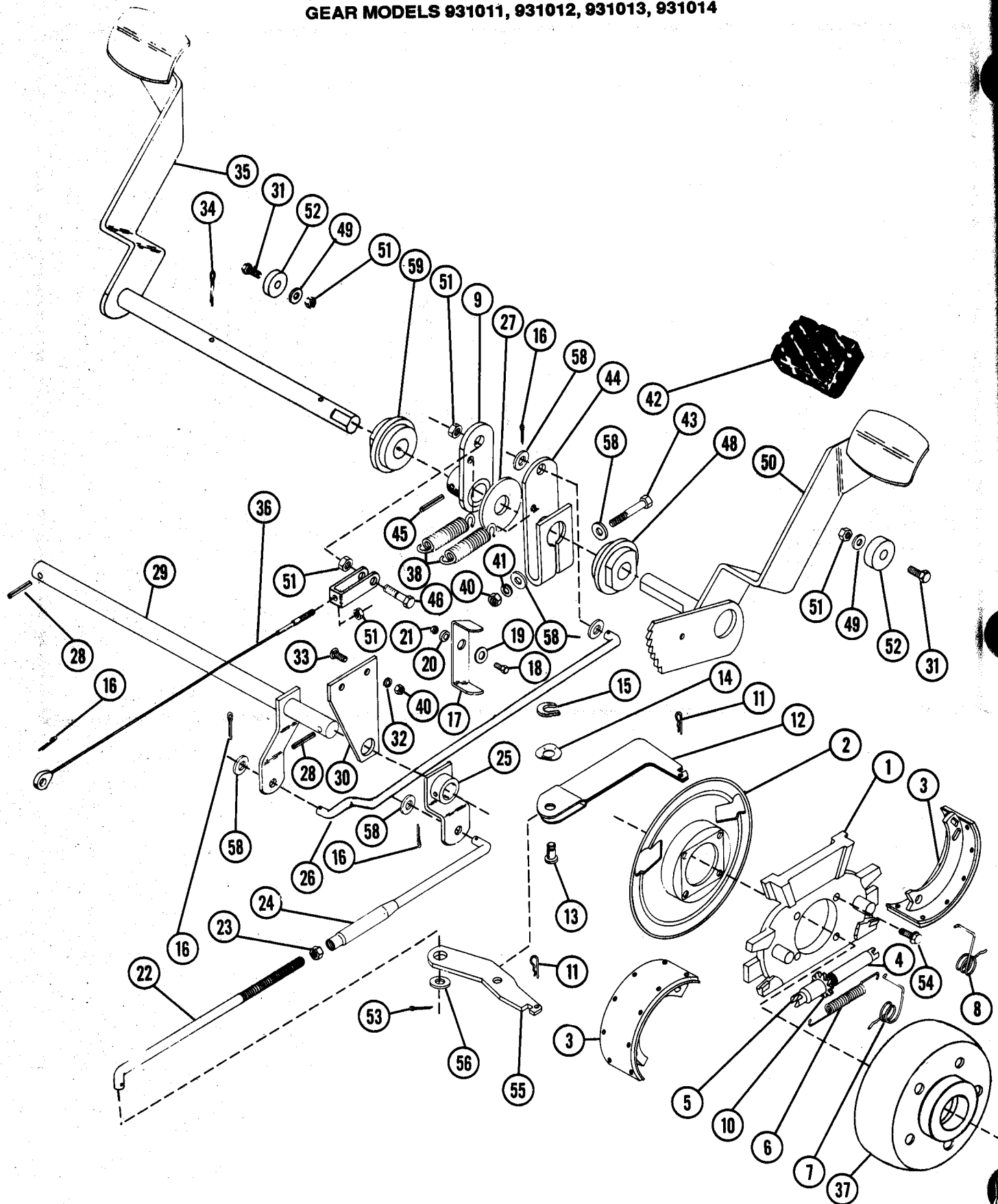


REAR BRAKE & NEUTRALIZER ASSEMBLY PARTS

HYDROSTATIC MODELS 931004-10

REF NO.	PART NO	DESCRIPTION	NO REQ'D	REF NO.	PART NO	DESCRIPTION	NO REQ'D
1	031679	TORQUE, Spider	2	30	031509	PLATE	2
2	031678	DUST SHIELD	2	31	059003	CAP SCREW, HH 5/16"	2
3	531039	BRAKE SHOE (sold in sets of two only)	2	32	063004	LOCKWASHER, 3/8"	4
4	031680	PIVOT NUT	2	33	062013	BOLT, Carriage 3/8" x 1"	4
5	031682	SOCKET, Adjusting Screw	2	34	067006	PIN, Cotter 3/16" x 1-1/4"	2
6	083162	SPRING, Adjusting Shoe	2	35	031501	L. H. PEDAL	1
7	083161	SPRING, Shoe Return, L.H.	2	36	031506	NEUTRALIZER ROD	1
8	083160	SPRING, Shoe Return, R.H.	2	37	031674	BRAKE DRUM	2
9	031576	ROD, Shift	1	38	083122	SPRING	2
10	031681	ADJUSTING SCREW, (star wheel)	2	39	065021	NUT, Hex 1/2"	4
11	067032	HAIR PIN RETAINER	4	40	065018	NUT, Hex 3/8"	5
12	031675	STRUT & LEVER ASSEMBLY	2	41	063021	LOCKWASHER, 3/8"	1
13	031677	PIN	2	42	075051	PEDAL PAD	2
14	064156	WAVE WASHER	2	43	059030	CAP SCREW, HH 3/8" x 2-1/4"	1
15	031702	RETAINER CLIP	2	44	031505	ARM, Brake	1
16	067024	PIN, Cotter	4	45	031503	NEUTRALIZER ARM	1
17	031507	BRAKE LATCH	1	46	031502	NEUTRALIZER PLATE	1
18	059001	CAP SCREW, HH, 1/4" x 3/4"	1	47	064042	WASHER, Special	2
19	064127	WASHER, Special	1	48	055095	BUSHING	2
20	011091	SPACER, Bushing	1	49	064002	WASHER, 5/16"	2
21	065040	LOCKNUT, Hex, 1/4"	1	50	031504	R.H. PEDAL	1
22	010228	ROD	2	51	065042	LOCKNUT, Hex 5/16"	2
23	065100	NUT, 5/16-24 Jam	2	52	025135	SPACER	2
24	031512	BRAKE ROD	2	53	067001	PIN, Cotter 3/32" x 3/4"	2
25	031511	BRAKE ARM	2	54	064058	WASHER, Flat 3/4"	2
26	031508	BRAKE ROD	1	55	031676	PARK BRAKE LEVER	2
27	067004	PIN, Cotter 1/8 x 1	1	56	064057	WASHER, 5/16"	2
28	058040	PIN, Drive 1/4" x 1-1/4"	2	57	064043	WASHER, Flat 3/8"	7
29	031510	BRAKE SHAFT	1	58	064048	WASHER	2
				59	083055	SPRING	1
				60	067029	HAIR PIN	1

REAR BRAKE & CLUTCH ASSEMBLY GEAR MODELS 931011, 931012, 931013, 931014



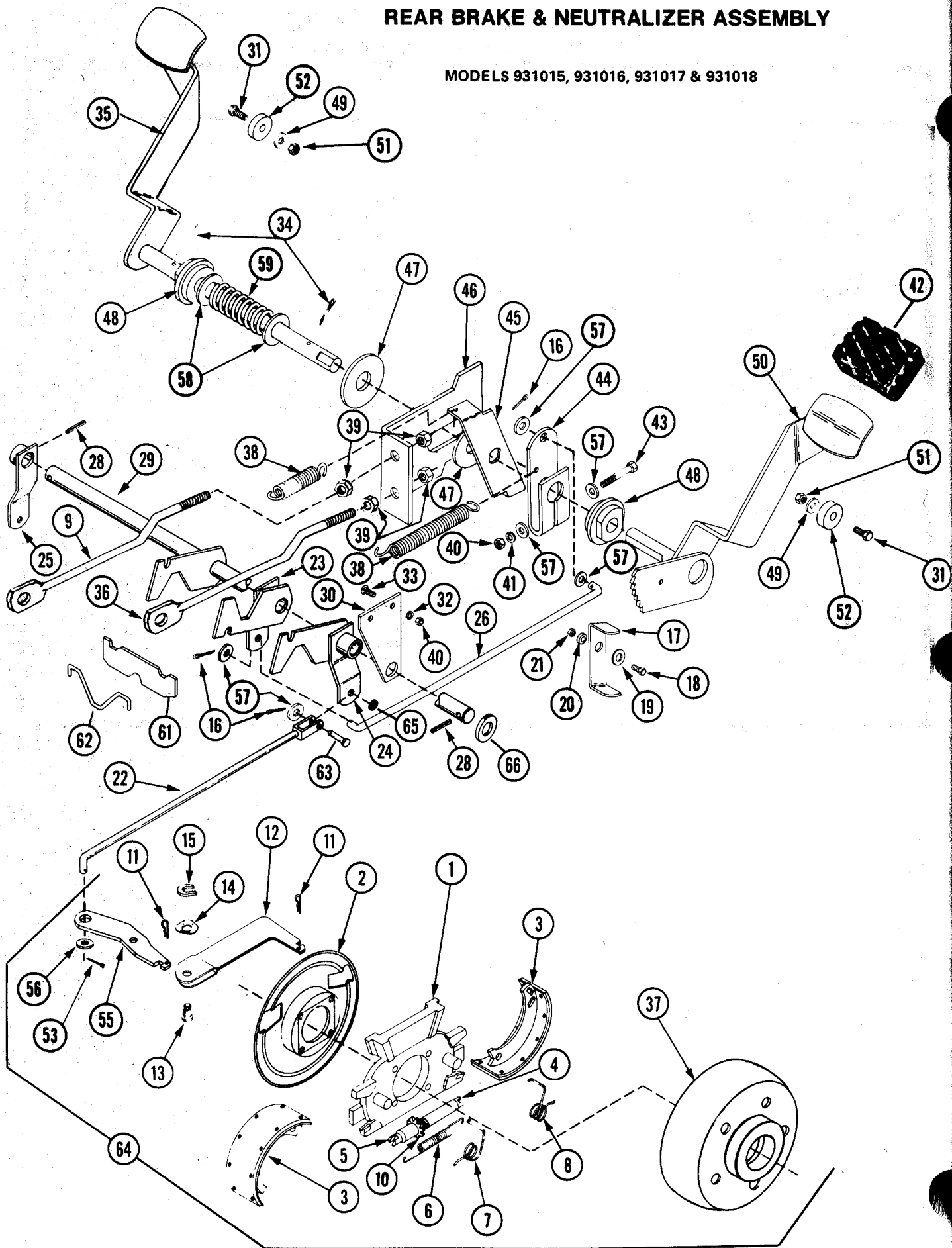
REAR BRAKE & CLUTCH ASSEMBLY PARTS

GEAR MODELS 931011, 931012, 931013, 931014

REF NO.	PART NO	DESCRIPTION	NO REQ'D		REF NO.	PART NO	DESCRIPTION	NO REQ'D	
			931011	931012				931011	931012
1	031679	TORQUE, Spider	2	2	30	031509	PLATE	2	2
2	031678	DUST SHIELD	2	2	31	059003	CAP SCREW, HH 5/16"	1	2
3	531039	BRAKE SHOE (sold in sets of two only)	2	2	32	063004	LOCKWASHER, 3/8"	4	4
4	031680	PIVOT NUT	2	2	33	062013	BOLT, Carriage 3/8" x 1"	4	4
5	031682	SOCKET, Adjusting Screw	2	2	34	067006	PIN, Cotter 3/16" x 1-1/4"	1	1
6	083162	SPRING, Adjusting Shoe	2	2	35	031791	L. H. PEDAL		1
7	083161	SPRING, Shoe Return, L.H.	2	2		031762	L.H. PEDAL	1	
8	083160	SPRING, Shoe Return, R.H.	2	2	36	069113	CLUTCH CABLE	1	1
9	031763	CLUTCH ARM	1	1	37	031674	BRAKE DRUM	2	2
10	031681	ADJUSTING SCREW, (star wheel)	2	2	38	083122	SPRING	2	2
11	067032	HAIR PIN RETAINER	4	4	40	065018	NUT, Hex 3/8"	5	5
12	031675	STRUT & LEVER ASSEMBLY	2	2	41	063021	LOCKWASHER, 3/8"	1	1
13	031677	PIN	2	2	42	075051	PEDAL PAD	2	2
14	064156	WAVE WASHER	2	2	43	059030	CAP SCREW, HH 3/8" x 2-1/4"	1	1
15	031702	RETAINER CLIP	2	2	44	031505	ARM, Brake	1	1
16	067024	PIN, Cotter	4	5	45	058003	ROLL PIN	1	1
17	031507	BRAKE LATCH	1	1	46	059135	CAP SCREW, 5/16-18 x 3/4	1	1
18	059001	CAP SCREW, HH, 1/4" x 3/4"	1	1	48	055095	BUSHING	1	1
19	064127	WASHER, Special	1	1	49	064002	WASHER, 5/16"	1	2
20	011091	SPACER, Bushing	1	1	50	031504	R.H. PEDAL	1	1
21	065040	LOCKNUT, Hex, 1/4"	1	1	51	065042	LOCKNUT, Hex 5/16"	3	4
22	010228	ROD	2	2	52	025135	SPACER	1	2
23	065100	NUT, 5/16-24 Jam	2	2	53	067001	PIN, Cotter 3/32" x 3/4"	3	2
24	031512	BRAKE ROD	2	2	54	074046	FLANGE WHIZLOCK SCREW	8	8
25	031511	BRAKE ARM	2	2	55	031676	PARK BRAKE LEVER	2	2
26	031808	BRAKE ROD	1	1	56	064057	WASHER, 5/16"	2	2
27	064048	WASHER, Flat 3/8"	1	1	58	064043	WASHER	7	7
28	058040	PIN, Drive 1/4" x 1-1/4"	2	2	59	055095	BUSHING		1
29	031510	BRAKE SHAFT	1	1		055096	BUSHING	1	

REAR BRAKE & NEUTRALIZER ASSEMBLY

MODELS 931015, 931016, 931017 & 931018



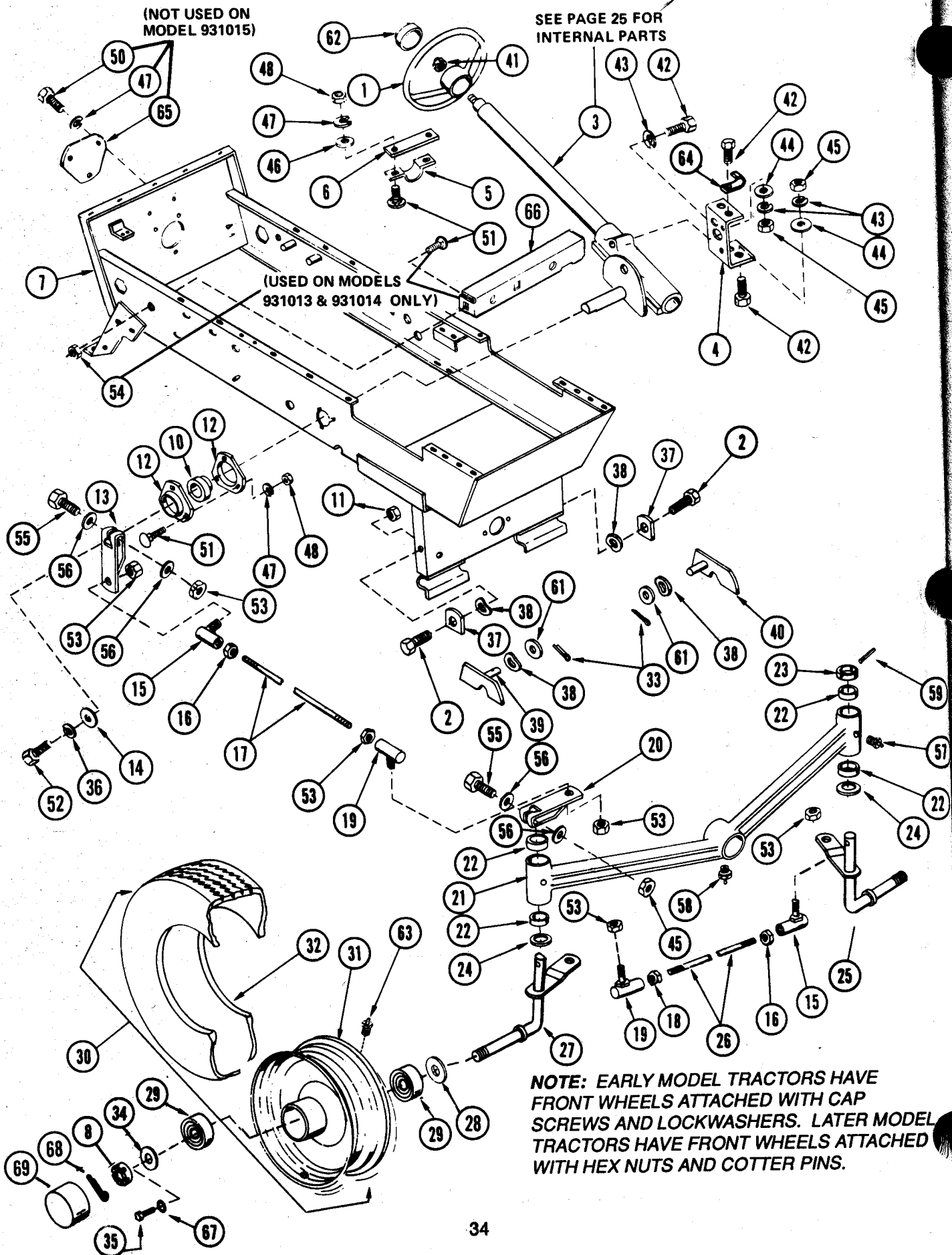
REAR BRAKE & NEUTRALIZER ASSEMBLY

MODELS 931015, 931016, 931017, & 931018

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D	REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	031679	TORQUE, Spider	2	36	031506	NEUTRALIZER ROD	1
2	031678	DUST SHIELD	2	37	031674	BRAKE DRUM	2
3	531039	BRAKE SHOE (sold in sets of two only)	2	38	083122	SPRING	2
4	031680	PIVOT NUT	2	39	065046	LOCKNUT, Hex 1/2"	4
5	031682	SOCKET, Adjusting Screw	2	40	065018	NUT, Hex 3/8"	5
6	083162	SPRING, Adjusting Shoe	2	41	063021	LOCKWASHER, 3/8"	1
7	083161	SPRING, Shoe Return, L.H.	2	42	075051	PEDAL PAD	2
8	083160	SPRING, Shoe Return, R.H.	2	43	059030	CAP SCREW, HH 3/8" x 2-1/4"	1
9	031576	ROD, Shift	1	44	031505	ARM, Brake	1
10	031681	ADJUSTING SCREW, (star wheel)	2	45	031503	NEUTRALIZER ARM	1
11	067032	HAIR PIN RETAINER	4	46	031502	NEUTRALIZER PLATE	1
12	031675	STRUT & LEVER ASSEMBLY	2	47	064042	WASHER, Special	2
13	031677	PIN	2	48	055095	BUSHING	2
14	064156	WAVE WASHER	2	49	064002	WASHER, 5/16"	2
15	031702	RETAINER CLIP	2	50	031504	R.H. PEDAL	1
16	067001	PIN, Cotter	4	51	065042	LOCKNUT, Hex 5/16"	2
17	031507	BRAKE LATCH	1	52	025135	SPACER	2
18	059001	CAP SCREW, HH, 1/4" x 3/4"	1	53	067001	PIN, Cotter 3/32" x 3/4"	2
19	064127	WASHER, Special	1	54	064058	WASHER, Flat 3/4"	2
20	011091	SPACER, Bushing	1	55	031676	PARK BRAKE LEVER	2
21	065040	LOCKNUT, Hex, 1/4"	1	56	064057	WASHER, 5/16"	2
22	031935	BRAKE ROD	2	57	064043	WASHER, Flat 3/8"	7
23	031939	BRAKE ARM	1	58	064048	WASHER	2
24	031940	ARM	1	59	083055	SPRING	1
25	031938	BRAKE ARM	2	60	067029	HAIR PIN	1
26	031508	BRAKE ROD	1	61	031936	BAL. LINK	1
27	067004	PIN, Cotter 1/8 x 1	1	62	031937	CLIP	1
28	058040	PIN, Drive 1/4" x 1-1/4"	2	63	013303	CLEVIS PIN	2
29	031941	BRAKE SHAFT	1	64	631107	R.H. BRAKE ASSEMBLY	1
30	031509	PLATE	2		631108	L.H. BRAKE ASSEMBLY	1
31	059003	CAP SCREW, HH 5/16"	2	65	075055	GROMMET	2
32	063004	LOCKWASHER, 3/8"	4	66	064062	WASHER	AR
33	062013	BOLT, Carriage 3/8" x 1"	4				
34	067006	PIN, Cotter 3/16" x 1-1/4"	2				
35	031501	L. H. PEDAL	1				

FRAME, STEERING, FRONT WHEEL

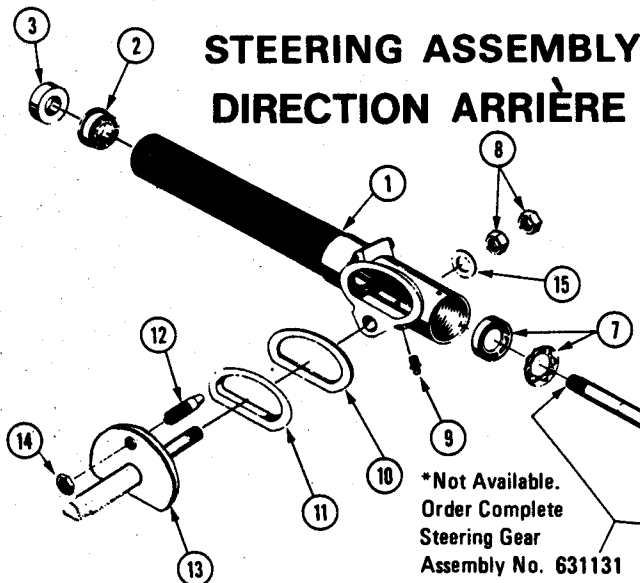
MODELS 931004 through 931018



FRAME, STEERING, FRONT WHEEL

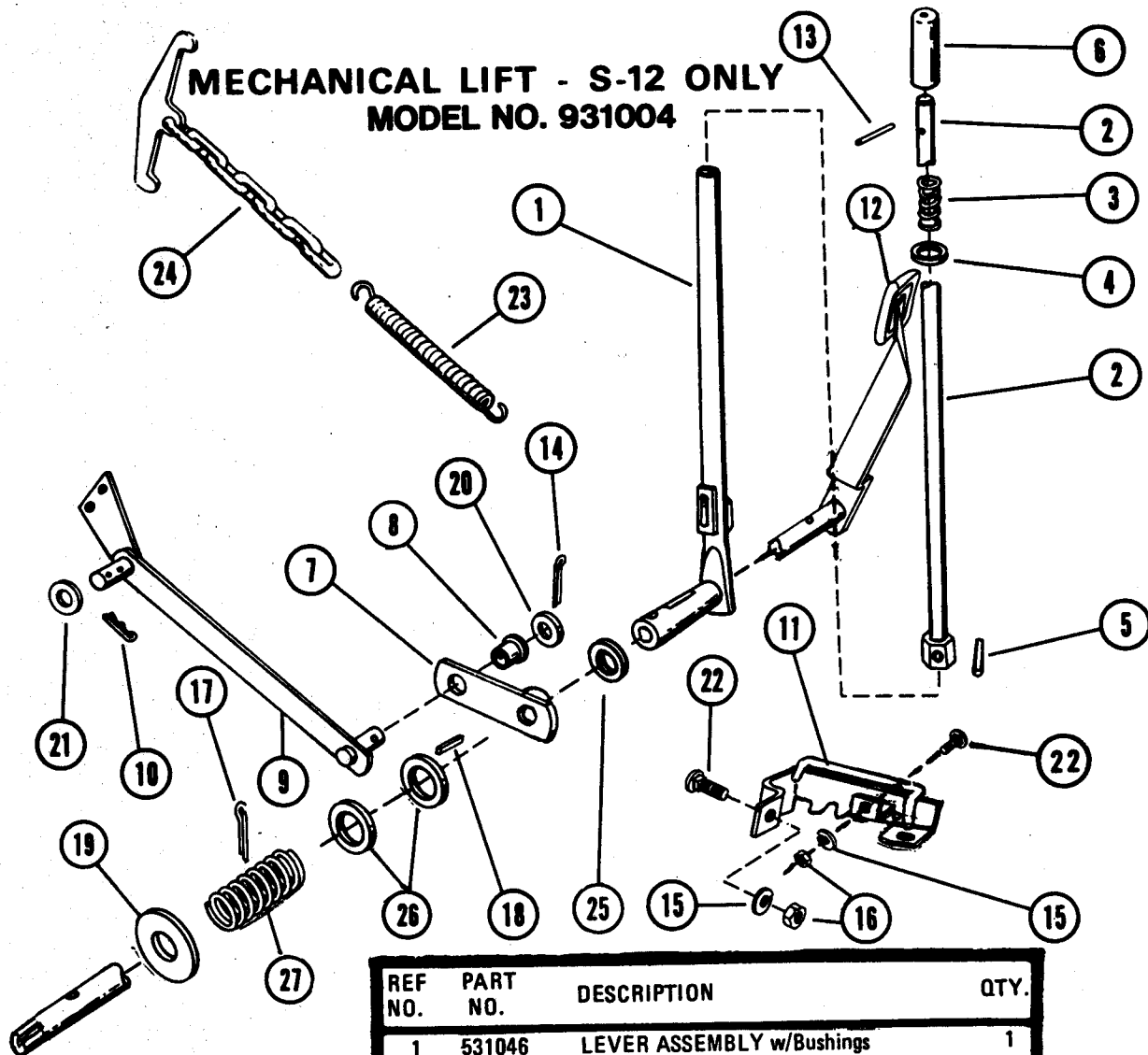
MODELS 931004 - 931018

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D	REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	031084	STEERING WHEEL	1	30	631084	FRONT WHEEL ASS'Y - Consists of	2
2	059004	CAP SCREW, HH, 3/8 - 16 x 1	2	31	071110	RIM	1
3	631131	STEERING GEAR ASS'Y (931013-18)	1	32	071103	TIRE	1
	631007	STEERING GEAR ASS'Y (931004-12)	1	33	067024	PIN, cotter 1/8 x 3/4	2
4	031173	BRACKET, Mounting	1	34	031568	WASHER, SPECIAL	2
5	031038	CLAMP	1	35	059154	CAP SCREW, 3/8-16 x 3/4 GR. 5	2
6	031049	PAD	1	36	063006	LOCKWASHER, 1/2"	1
7	531092	FRAME (931015-18)	1	37	029013	LOCK STOP	2
	531090	FRAME (for Model 931014)	1	38	029024	WASHER, Spring	4
	531091	FRAME (for Model 931013)	1	39	029014	LATCH R.H.	1
	531044	FRAME (931004)	1	40	029015	LATCH L.H.	1
	531045	FRAME (931005, 6, 8, 9 & 10)	1	41	065117	NUT, Hex Jam, 5/8"	1
	531065	FRAME (931011)	1	42	059145	CAP SCREW, HH, 3/8 x 1" GR.5	7
	531066	FRAME (931012)	1	43	063021	LOCKWASHER, 3/8"	6
8	065131	NUT HEX	2	44	064008	WASHER, Flat, 3/8"	4
10	054101	BALL BEARING	1	45	065122	NUT, Hex, 3/8" GR. C	5
11	065098	LOCKNUT, 3/8"	2	46	064002	WASHER, Flat, 5/16"	2
12	031020	BEARING FLANGE	2	47	063003	LOCKWASHER, 5/16"	8
13	031262	STEERING ARM (931013-18)	1	48	065015	NUT, Hex, 5/16"	5
	031039	STEERING ARM (931004-12)	1	50	059022	CAP SCREW, HH, 5/16 x 3/4	3
14	064126	WASHER, 2" OD. x 9/16" ID x .135 Thick	1	51	062015	BOLT, Carriage, 5/16 x 1"	3
15	031130	BALL JOINT, L.H.	2	52	059146	CAP SCREW, HH, 1/2 x 1-1/4" GR. 5	1
16	065105	NUT, Hex Jam 1/2" - 20 UNF (L.H.)	2	53	065127	LOCKNUT 1/2-20 UNF GR. C	5
17	031929	DRAG LINK	1	54	065042	LOCKNUT	2
18	065044	NUT, Hex Jam 1/2 - 20 UNF (R.H.)	6	55	059144	CAP SCREW, HH, 1/2 x 2-1/2 GR. 5	1
19	031129	BALL JOINT, R.H.	2	56	064038	WASHER, Flat, 1/2"	2
20	031175	STEERING ARM	1	57	022093	ZERK FITTING	2
21	531011	FRONT AXLE W/BUSHING, ZERKS	1	58	031121	ZERK FITTING, 90°	1
22	055091	BUSHING	4	59	058037	ROLL PIN, 1/4 x 1-3/4	1
23	031140	SPINDLE COLLER, L.H.	1	60	058004	ROLL PIN	2
24	075067	WASHER, 1-1/32 ID x 1-3/4 OD. x .060 Thick	2	61	064043	WASHER	2
25	031552	SPINDLE, L.H. (CAP SCREW STYLE)	1	62	031083	CAP	1
	030046	SPINDLE, L.H. (HEX NUT STYLE)	1	63	010353	ZERK FITTING	2
26	031169	ROD, 18-1/2" Long	1	64	069094	CLAMP	1
27	031551	SPINDLE, R.H. (CAP SCREW STYLE)	1	65	031031	COVER	1
	030047	SPINDLE, R.H. (HEX NUT STYLE)	1	66	031734	BRACE (931008-18)	1
28	064029	WASHER	2	67	063030	LOCKWASHER EXT.	2
29	054121	RADIAL BEARING (May Require 54140 with 1 7/8 o.d.)	2	68	067006	COTTER PIN	2
				69	075089	HUB CAP	2



1	031694	HOUSING & TUBE ASSEMBLY	1
2	055099	BUSHING	1
3	075078	DUST COVER	1
4	067018	COTTER PIN, 1/8" x 1/2"	1
5	031695	PLUG, Adjusting	1
6	064159	WASHER, Special	1
7	531042	BEARING KIT	2
8	065016	NUT, Hex Jam, 3/4"	2
9	031696	LUBE FITTING, 1/4" Straight	1
10	031699	SEAL	1
11	031698	RETAINER, Seal	1
12	030040	STUD, Lever (931013-18)	1
	031037	STUD LEVER (931004-12)	1
13	031263	LEVER & SHAFT	1
14	065119	NUT, Hex Jam, 9/16"	1
15	064158	WASHER, Special	1

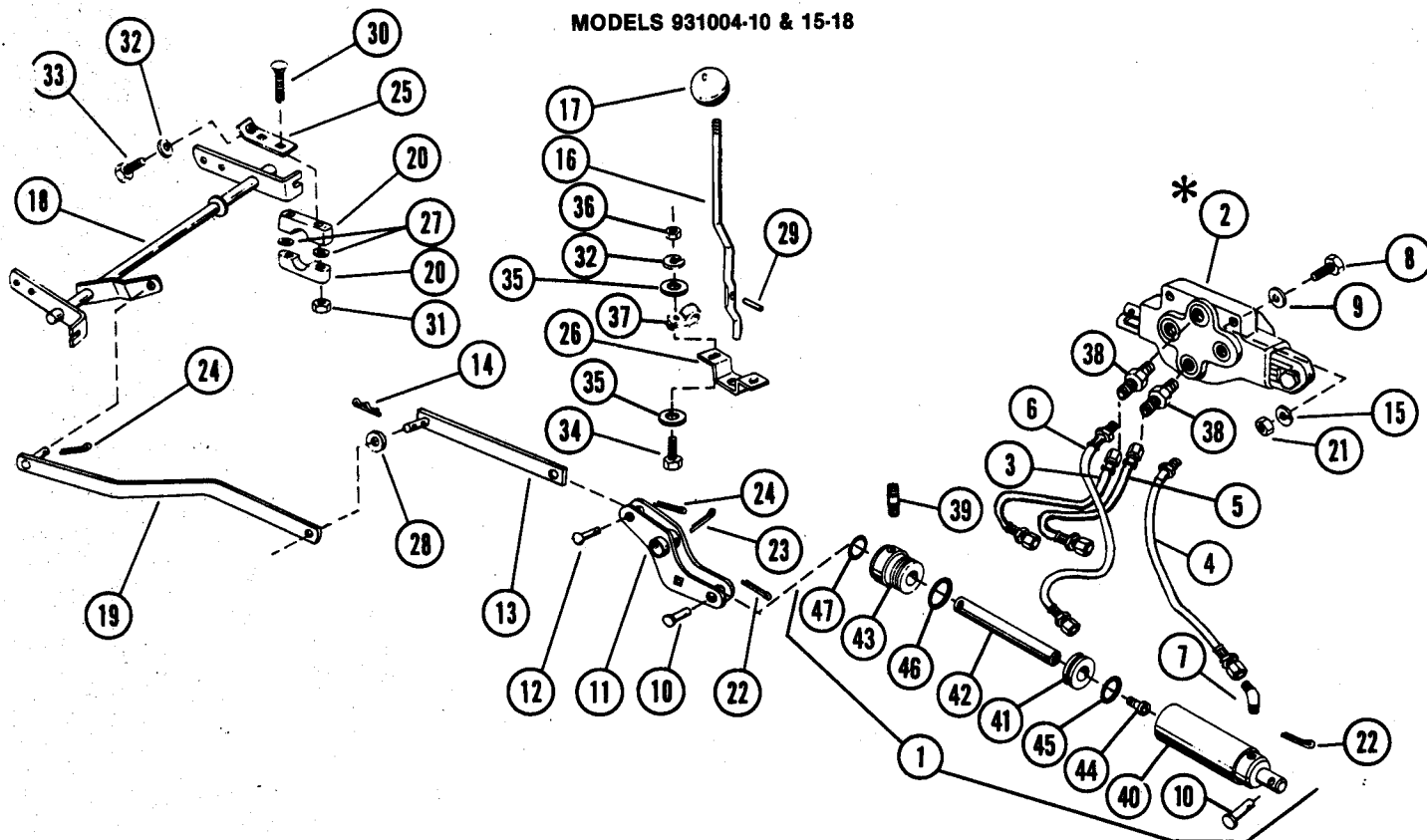
**MECHANICAL LIFT - S-12 ONLY
MODEL NO. 931004**



REF NO.	PART NO.	DESCRIPTION	QTY.
1	531046	LEVER ASSEMBLY w/Bushings	1
2	31341	ROD	1
3	83104	SPRING 1	1
4	064096	WASHER 1	1
5	58054	SPRING PIN 3/8" x 2-1/2"	1
6	075053	HAND GRIP	1
7	031525	ARM	1
8	055088	BUSHING	1
9	031154	LIFT	1
10	067029	HAIRPIN COTTER	1
11	031178	QUADRANT	1
12	031523	L.H. LEVER	1
13	058034	SPRING PIN 1/8" x 3/4"	1
14	067026	COTTER PIN 3/16" x 1"	1
15	063021	LOCKWASHER 3/8"	2
16	065018	HEX NUT 3/8"	2
17	067006	COTTER PIN 3/16" x 1-1/4"	1
18	066013	KEY	1
19	064042	PLAIN WASHER 7/8"	1
20	064004	PLAIN WASHER 5/8"	1
21	064009	PLAIN WASHER 3/4"	1
22	062013	ROUND HEAD, Short Square Necked Bolt, 3/8" x 1"	2
23	083107	SPRING	2
24	031017	CHAIN, 11 Links	2
25	055096	BUSHING	1
26	064048	WASHER	2
27	083055	SPRING	1

HYDRAULIC LIFT AND FRONT ROCK SHAFT

MODELS 931004-10 & 15-18

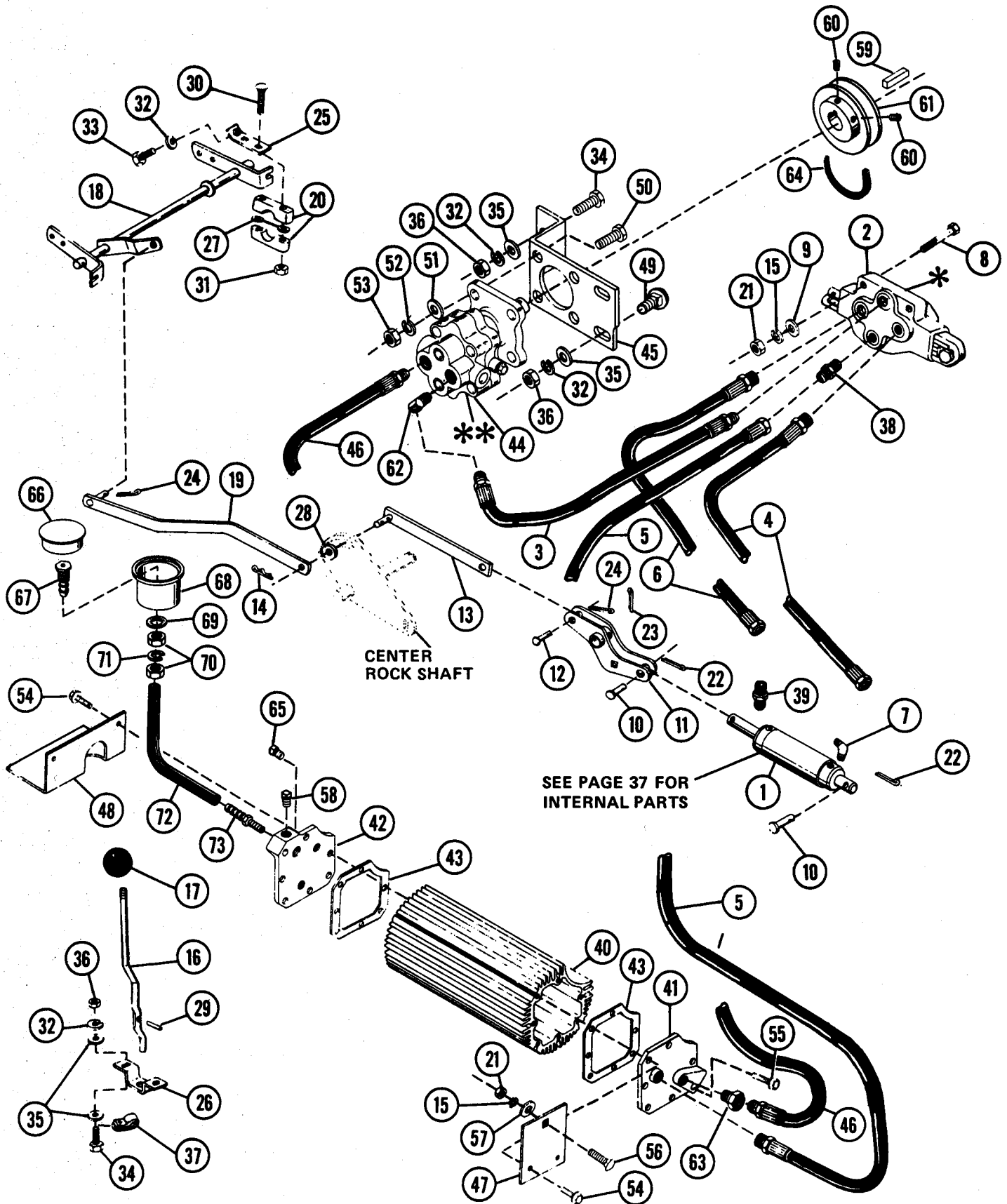


REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D	REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	531043	CYLINDER ASS'Y (includes adapters)	1	26	031076	BRACKET	1
*2	031170	VALVE	1	27	064115	SHIM, .005 Thick	4
3	30087	TUBE 17 5/8" Long, Valve to Reservoir	1	28	064009	WASHER, Flat, 3/4	1
4	30086	HOSE, 26 1/4" Long, Valve to Cylinder	1	29	058053	GROOVE PIN, 1/4 x 3/4	1
5	30087	TUBE 17 5/8" Long, Valve to Pump	1	30	062005	BOLT, Carriage, 3/8 x 2-1/4	4
6	30086	HOSE, 26 1/4" Long, Valve to Cylinder	1	31	065098	LOCKNUT, Hex, 3/8	4
7	031068	ADAPTER, 1/4 to 9/16, 45°	1	32	063003	LOCKWASHER, 5/16"	3
8	059050	CAP SCREW, HH, 1/4 x 1-1/2	2	33	059134	CAP SCREW, HH, 5/16 x 1-1/4 GR.5	1
9	064127	WASHER, Flat, 1/4"	2	34	059022	CAP SCREW, HH, 5/16 x 3/4	2
10	031051	PIN, Clevis	2	35	064002	WASHER, Flat, 5/16	4
11	031063	BELL CRANK	1	36	065015	NUT, Hex, 5/16	2
12	068061	PIN	1	37	069094	J - CLAMP	1
13	031500	LINK	1	38	031495	CONNECTOR	2
14	067029	HAIRPIN COTTER	1	39	031634	ADAPTOR	1
15	063002	LOCKWASHER, 1/4"	2	40	031918	CYLINDER BODY	1
16	031189	CONTROL ROD	1	41	031917	PISTON	1
17	075052	KNOB	1	42	031916	PISTON ROD	1
18	531005	FRONT ROCKSHAFT	1	43	031915	PISTON ROD GUIDE	1
19	031015	CONNECTOR LINK	1	44	059115	CAP SCREW	1
20	029011	BEARING BLOCK	4	45	056102	"O" RING	1
21	065032	NUT, Hex, 1/4"	2	46	056101	"O" RING	1
22	067004	PIN, Cotter, 1/8 x 1	2	47	056100	"O" RING	1
23	067006	PIN, Cotter, 3/16 x 1-1/4	1				
24	067026	PIN, Cotter, 3/16 x 1"	2				
25	031014	BRACE	1				

*531041 Section Repair Kit Available
*531057 Spool Repair Kit Available

HYDRAULIC LIFT AND FRONT ROCK SHAFT

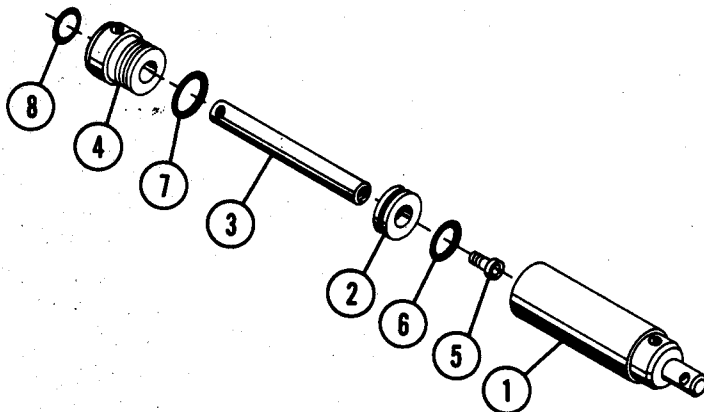
GEAR MODELS 931012, 931013 & 931021



HYDRAULIC LIFT AND FRONT ROCK SHAFT

GEAR MODELS 931012, 931013 & 931021

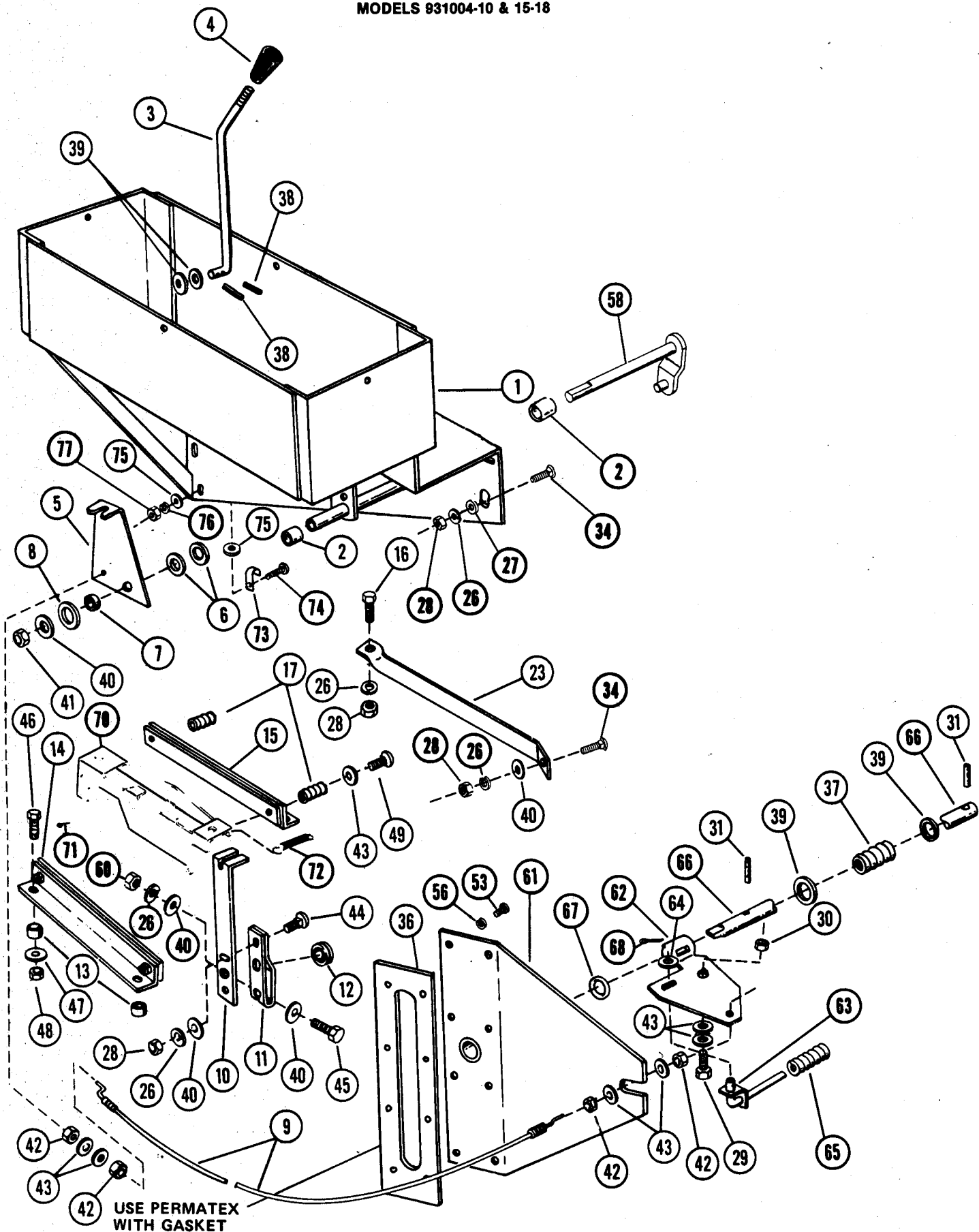
REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D	REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	531067	CYLINDER ASS'Y (includes adapters)	1	40	031785	OIL RESERVOIR	1
* 2	031170	VALVE	1	41	031787	CIRCULATION COVER	1
3	031779	HOSE, 20" Long, Pump to Valve	1	42	030009	FILLER COVER (931013,21)	1
4	031692	HOSE, 27 1/4" Long, Valve to Cylinder	1		031786	FILLER COVER (931012)	
5	031778	HOSE, 19" Long, Valve to Reservoir	1	43	031789	GASKET RESERVOIR	2
6	031058	HOSE, 24 1/2" Long, Valve to Cylinder	1	**44	031727	PUMP HYDRAULIC	1
7	031780	ADAPTER, 1/4 to 9/16, 45°	1	45	031794	PUMP MOUNTING BRACKET	1
8	059050	CAP SCREW, HH, 1/4 x 1-1/2	2	46	031781	HOSE, 14" Pump to Reservoir	1
9	064127	WASHER, Flat, 1/4"	2	47	031783	BRACKET	1
10	031051	PIN, Clevis	2	48	031782	BRACKET, Mounting	1
11	031063	BELL CRANK	1	49	062011	BOLT, Carriage 5/16-18 x 3/4"	2
12	068061	PIN	1	50	059004	CAP SCREW, 3/8-16 x 1	4
13	031500	LINK	1	51	064078	WASHER	4
14	067029	HAIRPIN COTTER	1	52	063021	LOCKWASHER	4
15	063002	LOCKWASHER, 1/4"	3	53	065018	NUT, 3/8-16	4
16	031189	CONTROL ROD	1	54	074027	TAPTITE	12
17	075052	KNOB	1	55	074059	TAPTITE	2
18	531005	FRONT ROCKSHAFT	1	56	062012	BOLT, Carriage 1/4-20 x 3/4"	1
19	031015	CONNECTOR LINK	1	57	064007	WASHER	1
20	029011	BEARING BLOCK	4	58	001138	PIPE PLUG (931013, 931021)	1
21	065032	NUT, Hex, 1/4"	6		031807	PIPE PLUG W/ BREATHER (931012)	1
22	067004	PIN, Cotter, 1/8 x 1	2	59	066032	KEY	1
23	067006	PIN, Cotter, 3/16 x 1-1/4	1	60	060008	SETSCREW	2
24	067026	PIN, Cotter, 3/16 x 1"	2	61	031795	SHEAVE	1
25	031014	BRACE	1	62	031797	ADAPTOR	1
26	031076	BRACKET	1	63	031788	ADAPTOR 3/8 to 9/16	1
27	064115	SHIM, .005 Thick	4	64	072088	BELT (931021)	1
28	064009	WASHER, Flat, 3/4	1	65	004226	PIPE PLUG (931013)	1
29	058053	GROOVE PIN, 1/4 x 3/4	1	66	030013	COVER (931013)	1
30	062005	BOLT, Carriage, 3/8 x 2-1/4	4	67	030011	FITTING (931013)	1
31	065039	LOCKNUT, Hex, 3/8	4	68	030012	OIL EXPANSION CUP (931013)	1
32	063003	LOCKWASHER, 5/16"	6	69	030014	FIBER WASHER (931013)	1
33	059134	CAP SCREW, HH, 5/16 x 1-1/4 GR.5	1	70	065075	NUT (931013)	2
34	059022	CAP SCREW, HH, 5/16 x 3/4	3	71	063019	LOCKWASHER (931013)	1
35	064002	WASHER, Flat, 5/16	7	72	030008	HOSE, 16" Long (931013)	1
36	065015	NUT, Hex, 5/16	2	73	030010	CONNECTOR (931013)	1
37	069094	J - CLAMP	1			*531041 Section Repair Kit Available	
38	031495	ADAPTOR, 9/16	1			*531057 Spool Repair Kit Available	
39	031634	ADAPTOR	1			**531075 Pump Repair Kit Available for most maintenance repairs.	



1	031918	S	CYLINDER BODY	1
2	031917	S	PISTON	1
3	031916	S	PISTON ROD	1
4	031915	S	PISTON ROD GUIDE	1
5	059115	M	CAP SCREW	1
6	056102	F	"O" RING	1
7	056101	F	"O" RING	1
8	056100	F	"O" RING	1

HYDROSTATIC CONTROLS AND CONSOLE

MODELS 931004-10 & 15-18



HYDROSTATIC CONTROLS AND CONSOLE

MODELS 931004-10 & 15-18

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D	REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	031160	CONTROL BOX	1	41	065098	LOCKNUT, Hex, 3/8"	1
2	055024	BUSHING	2	42	065100	NUT, Hex Jam, 5/16"	4
3	031064	SHIFT ROD	1	43	064123	WASHER, Flat, 5/16"	8
4	075049	HANDLE	1	44	062029	BOLT, Carriage, 3/8 x 1	1
5	031258	ARM	1	45	059152	CAP SCREW, HH, 3/8 x 2-1/2 Grade 5	1
6	064028	WASHER, Spacer	2	46	059069	CAP SCREW, HH, 5/16 x 1-1/4" Grade 5	2
7	055089	BUSHING	1	47	063003	LOCKWASHER, 5/16"	2
8	031162	WASHER, Special	1	48	065015	NUT, Hex, 5/16"	2
9	069100	CABLE, 24-7/8" Long	1	49	061044	SCREW, Machine Fillister Hd, 5/16 x 2-1/2	2
10	031261	ARM	1	53	074045	TAPPING SCREW	8
11	031260	CLEVIS	1	56	063024	LOCKWASHER	8
12	075046	GROMMET	1	58	031575	SHIFT SHAFT	1
13	031127	SPACER	2	60	065018	NUT	1
14	031567	RH FRICTION ANGLE	1	61	031100	LOCK PIN GUIDE	1
15	031566	LH FRICTION ANGLE	1	62	031099	PIVOT PLATE	1
16	059023	CAP SCREW, HH, 3/8" x 3/4"	1	63	031098	PIN	1
17	083125	SPRING, 1-1/2 Long	2	64	064128	WASHER, Special	1
23	031024	BRACE	1	65	083121	SPRING	1
26	063021	LOCKWASHER, 3/8"	6	66	031097	PIN	1
27	064008	WASHER, Flat, 3/8"	2	67	056075	"O" RING	1
28	065018	NUT, Hex, 3/8"	5	68	067024	PIN, Cotter, 1/8 x 3/4	1
29	059135	CAP SCREW 5/16-18 x 3/4 GR.5	1	70	031724	SHIFT LOCK	1
30	065101	LOCKNUT, Hex, 5/16	1	71	067034	COTTER PIN	2
31	058003	ROLL PIN, 3/16 x 1-1/4	2	72	083149	SPRING	1
34	062013	CARRIAGE BOLT	3	73	069110	CLAMP	1
36	031167	GASKET	1	74	059004	SCREW	1
37	083120	SPRING	1	75	064002	WASHER	2
38	058005	PIN, Spring 3/16 x 7/8	2	76	063021	LOCKWASHER	1
39	064003	WASHER, Flat, 1/2"	4	77	065018	NUT	1
40	064043	WASHER, Flat, 3/8"	5				

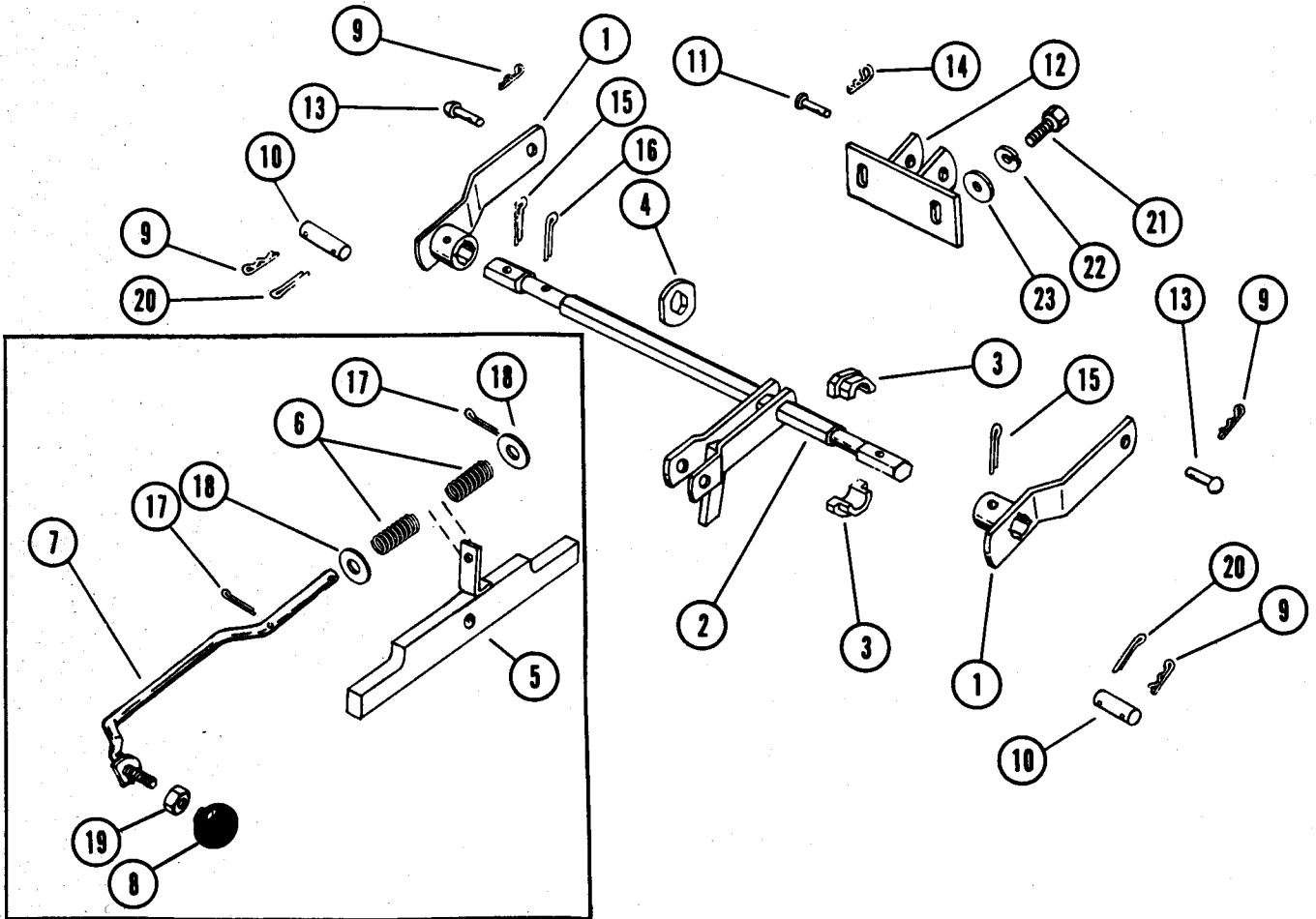
GEAR SHIFT LINKAGE & CONSOLE

GEAR MODELS 931011&931012

This exploded view diagram illustrates the components of a gear shift linkage and console assembly. The main console box (1) is shown at the top left, with various internal parts like the shift rod (30) and linkage arms (22, 6) being assembled into it. A detailed inset shows the installation of a pin (4) into a hole (3). Numerous other parts, including bolts (8, 12, 13, 14, 15), washers (25, 26), and bushings (7, 9, 10, 11), are shown in their relative positions. A label "SHIFT ROD" points to part 30. The diagram uses numbered circles (1-31) to identify each individual component.

REF NO.	PART NO.	DESCRIPTION	NO REQ'D	REF NO.	PART NO.	DESCRIPTION	NO REQ'D
1	031736	CONTROL BOX	1	16	031739	CHANNEL	1
2	055101	BUSHING FLANGE	4	17	075064	GROMMET	1
3	031750	SHIFT HANDLE	1	18	065046	LOCKNUT	2
4	075049	HANDLE	1	19	031740	ROD - U	1
5	631121	SHIFT LEVER	1	20	064121	WASHER	4
6	031737	SHIFT SUPPORT	1	21	067004	COTTER PIN	4
7	064008	WASHER	3	22	031024	BRACE	1
8	062031	BOLT, Carriage, 5/16-18 x 1	2	23	059023	CAP SCREW, 3/8-16 x 3/4	1
9	064002	WASHER, 5/16	4	24	062013	BOLT, Carriage, 3/8-16 x 1	3
10	063003	LOCKWASHER	4	25	064008	WASHER, 3/8	1
11	065015	NUT	4	26	063021	LOCKWASHER	5
12	062017	BOLT, Carriage 1/4-20 x 5/8	4	27	065018	NUT	5
13	064007	WASHER 1/4 Standard	4	28	031765	SWITCH BRACKET	1
14	063002	LOCKWASHER 1/4	4	29	062011	BOLT, Carriage, 5/16-18 x 3/4	2
15	065032	NUT 1/4-20	4	30	055100	SLEEVE BUSHING	2
				31	064038	WASHER, Special	2

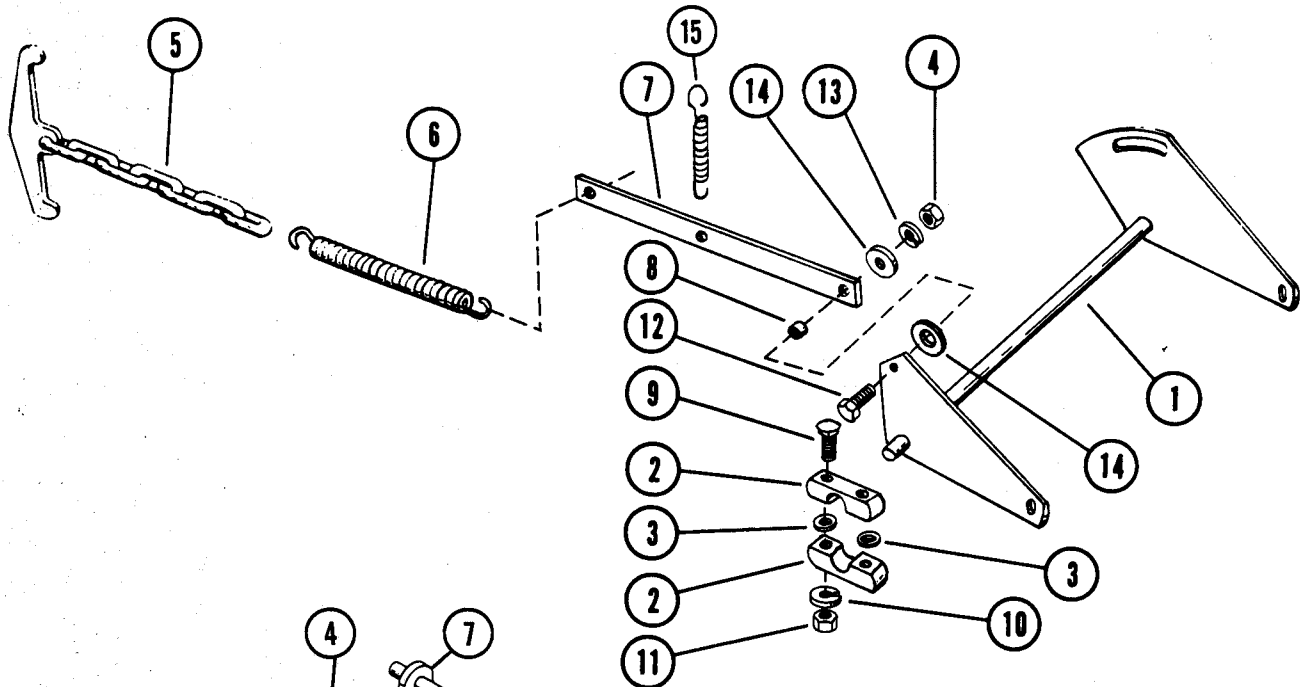
MODELS 931004-10 & 15-18



REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D	REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	031534	ARM	2	13	068055	RIVET, Drilled	2
2	031497	SHAFT	1	14	067029	HAIRPIN COTTER	1
3	055085	BEARING, Rockshaft	4	15	067025	PIN, Cotter, 3/16 x 2	2
4	031693	WASHER, 1-1/32 Hex	1	16	067012	PIN, Cotter, 3/16 x 1-1/2	1
5	031498	LATCH	1	17	067024	PIN, Cotter, 1/8 x 3/4	2
6	083105	SPRING	2	18	064043	WASHER, Flat, 3/8	2
7	031499	LATCH ROD	1	19	065001	NUT, Hex, Jam, 3/8	1
8	075052	KNOB	1	20	067004	PIN, Cotter, 1/8 x 1	2
9	067022	HAIRPIN COTTER	4	21	059023	CAP SCREW, HH, 3/8 x 3/4	2
10	031012	PIN	2	22	063021	LOCKWASHER, 3/8	2
11	031008	PIN, Clevis	1	23	064008	WASHER, Flat, 3/8	2
12	031007	BRACKET	1				

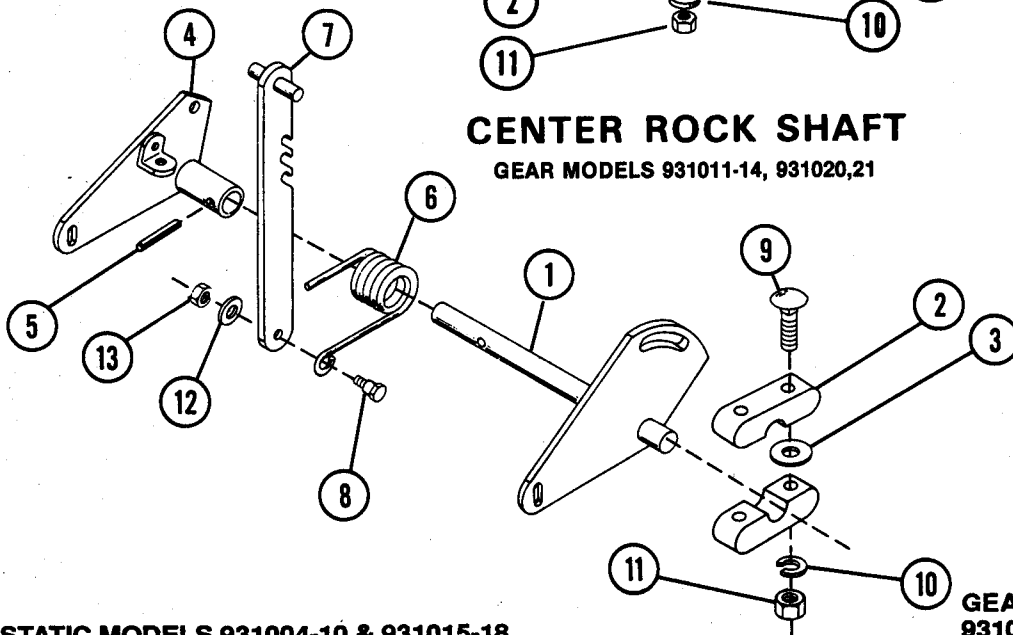
CENTER ROCK SHAFT

HYDROSTATIC MODELS 931004-10 & 15-18



CENTER ROCK SHAFT

GEAR MODELS 931011-14, 931020,21



GEAR MODELS
931011-14 & 93020-21

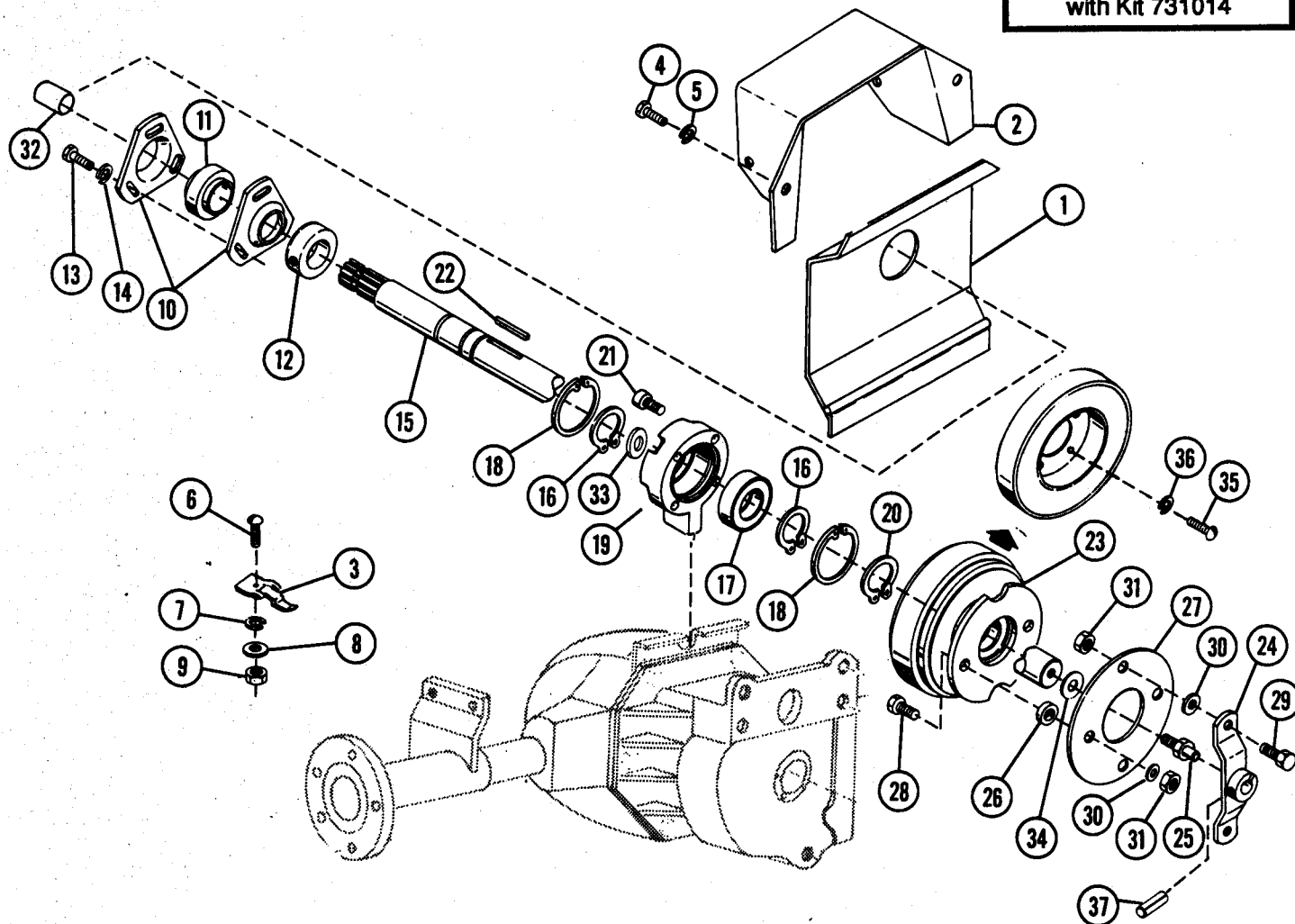
HYDROSTATIC MODELS 931004-10 & 931015-18

REF NO.	PART NO.	DESCRIPTION	NO. REQ'D.	REF NO.	PART NO.	DESCRIPTION	NO. REQ'D.
1	031050	CENTER ROCK SHAFT	1	1	031790	CENTER ROCK SHAFT	1
2	029011	BEARING BLOCK	4	2	029011	BEARING BLOCK	4
3	064115	SHIM, .005 Thick	4	3	064115	SHIM, .005 Thick	4
4	065032	NUT, Hex, 1/4"	1	4	031811	R.H. ROCKSHAFT LEVER	1
5	031017	CHAIN, 11 Links	1	5	058063	PIN GROOVE, 1/4 x 2	1
6	083107	SPRING	1	6	083167	SPRING, Torsion	1
7	031181	LINK, 9-1/2" Long	1	7	031809	SPRING HANDLE	1
8	031021	SPACER	1	8	011120	BOLT, Shoulder	1
9	062005	BOLT, Carriage, 3/8 x 2-1/4	4	9	062005	BOLT, Carriage, 3/8 x 2-1/4	4
10	063021	LOCKWASHER, 3/8	4	10	063021	LOCKWASHER, 3/8	4
11	065018	NUT, Hex, 3/8	4	11	065018	NUT, Hex, 3/8	4
12	059132	CAP SCREW, HH, 1/4 x 1"	1	12	064003	WASHER	1
13	063002	LOCKWASHER, 1/4"	1	13	065039	LOCKNUT	1
14	064127	WASHER, Flat, 1/4"	2				
15	083149	SPRING	1				

REAR PTO

MODEL 931015 ONLY

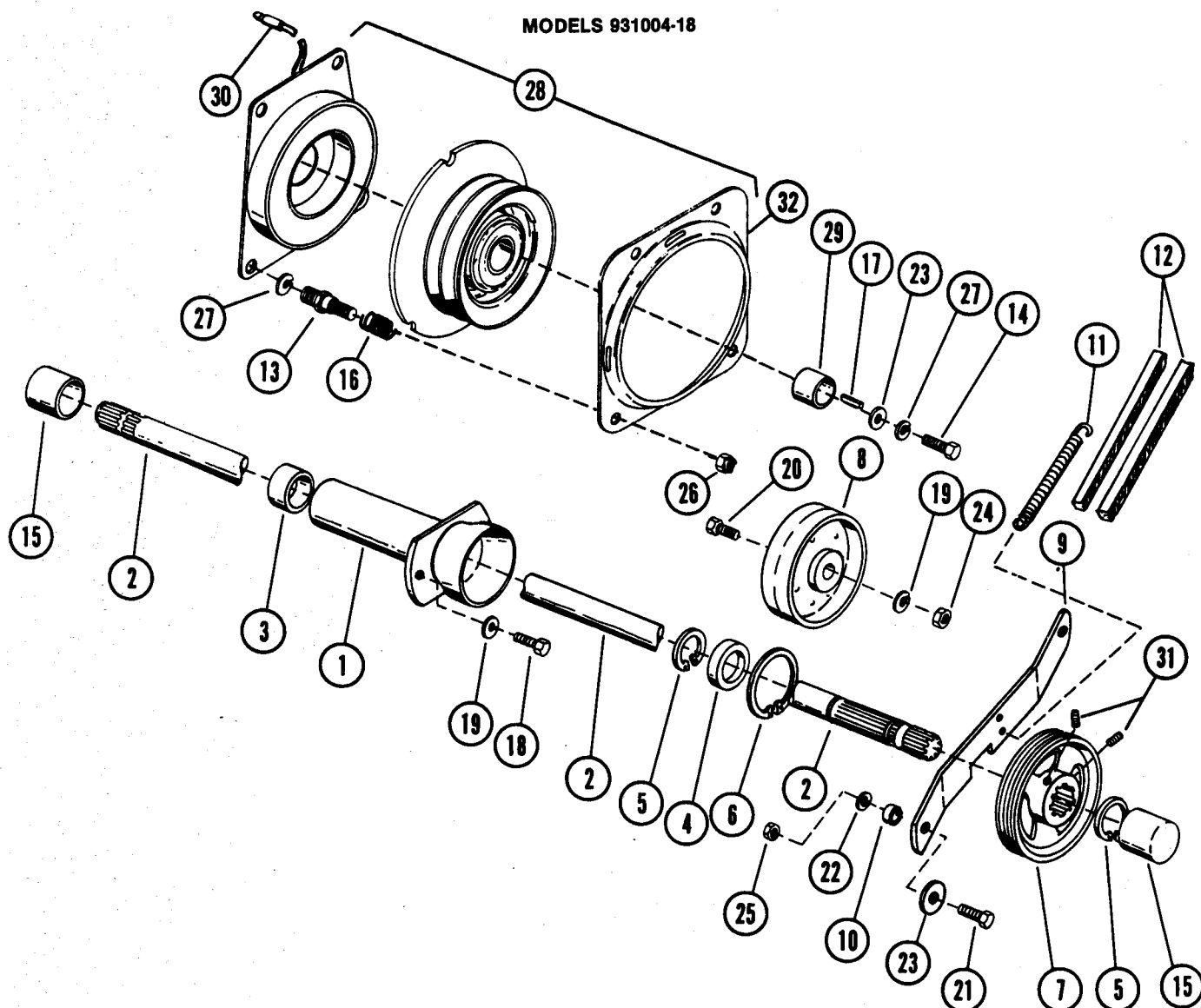
NOTE: Recalled
from Field and Replaced
with Kit 731014



REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D	REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	031530	COVER	1	20	057073	SNAP RING, External	1
2	031571	SHIELD	1	21	074054	CAP SCREW, Socket Head, No. 10-24 x 1"	1
3	031305	SNAP FASTENER	1	22	066022	KEY	1
4	074017	SCREW, Self Tapping HH, 5/16 x 3/4	2	23	031990	CLUTCH ASSEMBLY	1
5	064002	WASHER, Flat 5/16	2	24	031988	HUB	1
6	061050	SCREW, Machine, R.H. No. 10 x 1"	1	25	031992	STUD	1
7	063026	LOCKWASHER, External Tooth, No. 10	1	26	025062	SPACER	1
8	064141	WASHER, Flat, 3/16	1	27	031993	COUPLING	1
9	065055	NUT, Hex, No. 10	1	28	059181	CAP SCREW	2
10	031020	FLANGETTE	2	29	059135	CAP SCREW	2
11	054110	BEARING, Ball	1	30	064123	WASHER	4
12	031315	COLLAR	1	31	065042	LOCKNUT	4
13	059022	CAP SCREW	3	32	075060	CAP	1
14	063003	LOCKWASHER	3	33	064029	WASHER	1
15	031991	SHAFT, Rear PTO	1	34	064075	WASHER	1
16	057062	SNAP RING, External	2	35	061017	MACHINE SCREW 10-24 x 5/8	4
17	054052	BEARING, Ball	1	36	063011	LOCKWASHER	4
18	057024	SNAP RING, Internal	2	37	058007	ROLL PIN	
19	031989	BEARING HUB	1				

FRONT PTO AND ELECTRICAL CLUTCH

MODELS 931004-18



REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D	REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	531013	PTO HOUSING W/Needle Bearing	1	15	075060	COVER, PTO Shaft	2
2	031183	SHAFT	1	16	083148	SPRING	4
3	054102	NEEDLE BEARING	1	17	066027	KEY, Square, 1/4 x 5/8"	1
4	054052	BEARING	1	18	059023	CAP SCREW, HH, 3/8 x 3/4	2
5	057062	EXTERNAL SNAP RING	2	19	063021	LOCKWASHER, 3/8"	3
6	057024	SNAP RING	1	20	059068	CAP SCREW, HH, 3/8" x 2	1
7	031979	SHEAVE	1	21	059042	CAP SCREW, HH, 1/2" x 1-1/4	1
8	073055	IDLER PULLEY	1	22	031158	SHIM SPACER (931013-18)	1
9	031148	IDLER ARM (931013-18)	1		063006	LOCK WASHER (931004-12)	1
	031071	IDLER ARM (931004-12)	1	23	064045	WASHER, Special	2
10	031157	SPACER (931013-18)	1	24	065018	NUT, Hex, 3/8"	1
	031053	SPACER (931004-12)	1	25	065097	NUT, Hex, 1/2"	1
11	083176	SPRING (931013-18)	1	26	065116	LOCKNUT, 5/16"	4
	083126	SPRING (931004-18)	1	27	063005	LOCKWASHER, 7/16"	5
12	072111	"V" BELT — Matched Set of Two (931013-18)	1	28	531023	CLUTCH	1
	072076	"V" BELT — Matched Set of Two (931004-12)	1	29	031358	SLEEVE	1
13	031544	STUD	4	30	031265	TERMINAL	1
14	059142	CAP SCREW, HH, 7/16 x 1	1	31	060012	SET SCREW	2
				32	031545	PLATE	1

Notes

DECALS FOR HYDROSTATIC MODELS MODELS 931019, 22, 23, 24, 25, & 26

ENGLISH

FRANÇAIS

ENGLISH

FRANÇAIS

CAUTION

Release lift assist springs before disconnecting attachment from tractor

78497

ATTENTION

Relâcher le ressort de compensation avant de détacher l'accessoire du tracteur

78653

DO NOT TOW
Transmission
Damage will occur

78597

NE PAS REMORQUER
Pour éviter d'endommager la boîte de vitesses

78659

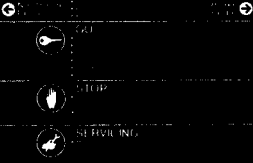


78477



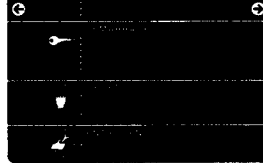
78648

CAUTION



78498

ATTENTION



78654

WARNING

ROTATING PARTS

78549

AVERTISSEMENT

PIECES EN MOUVEMENT

78658

Depress brake pedal then engage parking brake lock.

ENGAGED →
← DISENGAGED

78496

Appuyez sur la pédale de frein et engagez le verrou du frein de stationnement

ENGAGE →
← DISENGAGE

78652

POISON/ANGER CAUSES SEVERE BURNS

Contains sulfuric acid. Avoid contact with skin, eyes or clothing. Antidote: EXTERNAL: Flush with water. INTERNAL: Drink large quantities water or milk. Follow with milk or magnesium hydroxide. Call physician immediately. Eyes: Flush with water for 15 minutes and get prompt medical attention.

Batteries produce explosive gases. Keep sparks, flame, cigarettes away. Ventilate when charging or using in an enclosed space. Always shield eyes when working near batteries. KEEP OUT OF REACH OF CHILDREN

78385

REMOVE MONTH AND YEAR SOLD

JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
Acid level should be maintained up to indicator ring. Battery condition and state of charge should be tested every spring and fall with load tester.

1 2 3 4 5 6 7 8 9 0

Ariens Company

655 West Ryan St., Brillinn, Wisconsin 54110



78647

Pull for REAR
IMPL. POWER

78548



78651

TIRER POUR ENGAGER
L'ACCESSOIRE ARRIERE

78657

MAINTENANCE SCHEDULE
SEE OWNER'S MANUAL FOR FULL INSTRUCTIONS

ENGINE	ENGINE OIL EVERY 6 HOURS	ENGINE OIL EVERY 30 HOURS	ENGINE OIL EVERY 100 HOURS	ENGINE OIL EVERY 200 HOURS	ENGINE OIL EVERY 300 HOURS	ENGINE OIL EVERY 400 HOURS	ENGINE OIL EVERY 500 HOURS	ENGINE OIL EVERY 600 HOURS	ENGINE OIL EVERY 700 HOURS	ENGINE OIL EVERY 800 HOURS	ENGINE OIL EVERY 900 HOURS	ENGINE OIL EVERY 1000 HOURS
SPF 10	SPF 10	SPF 10	SPF 10	SPF 10	SPF 10	SPF 10	SPF 10	SPF 10	SPF 10	SPF 10	SPF 10	SPF 10
SPF 15	SPF 15	SPF 15	SPF 15	SPF 15	SPF 15	SPF 15	SPF 15	SPF 15	SPF 15	SPF 15	SPF 15	SPF 15
SPF 20	SPF 20	SPF 20	SPF 20	SPF 20	SPF 20	SPF 20	SPF 20	SPF 20	SPF 20	SPF 20	SPF 20	SPF 20
SPF 30	SPF 30	SPF 30	SPF 30	SPF 30	SPF 30	SPF 30	SPF 30	SPF 30	SPF 30	SPF 30	SPF 30	SPF 30
SPF 40	SPF 40	SPF 40	SPF 40	SPF 40	SPF 40	SPF 40	SPF 40	SPF 40	SPF 40	SPF 40	SPF 40	SPF 40
SPF 50	SPF 50	SPF 50	SPF 50	SPF 50	SPF 50	SPF 50	SPF 50	SPF 50	SPF 50	SPF 50	SPF 50	SPF 50
SPF 60	SPF 60	SPF 60	SPF 60	SPF 60	SPF 60	SPF 60	SPF 60	SPF 60	SPF 60	SPF 60	SPF 60	SPF 60
SPF 70	SPF 70	SPF 70	SPF 70	SPF 70	SPF 70	SPF 70	SPF 70	SPF 70	SPF 70	SPF 70	SPF 70	SPF 70
SPF 80	SPF 80	SPF 80	SPF 80	SPF 80	SPF 80	SPF 80	SPF 80	SPF 80	SPF 80	SPF 80	SPF 80	SPF 80
SPF 90	SPF 90	SPF 90	SPF 90	SPF 90	SPF 90	SPF 90	SPF 90	SPF 90	SPF 90	SPF 90	SPF 90	SPF 90
SPF 100	SPF 100	SPF 100	SPF 100	SPF 100	SPF 100	SPF 100	SPF 100	SPF 100	SPF 100	SPF 100	SPF 100	SPF 100

TRANSMISSION
SEE OWNER'S MANUAL FOR FULL INSTRUCTIONS

TRANSMISSION	TRANSMISSION OIL EVERY 6 HOURS	TRANSMISSION OIL EVERY 30 HOURS	TRANSMISSION OIL EVERY 100 HOURS	TRANSMISSION OIL EVERY 200 HOURS	TRANSMISSION OIL EVERY 300 HOURS	TRANSMISSION OIL EVERY 400 HOURS	TRANSMISSION OIL EVERY 500 HOURS	TRANSMISSION OIL EVERY 600 HOURS	TRANSMISSION OIL EVERY 700 HOURS	TRANSMISSION OIL EVERY 800 HOURS	TRANSMISSION OIL EVERY 900 HOURS	TRANSMISSION OIL EVERY 1000 HOURS
SPF 10	SPF 10	SPF 10	SPF 10	SPF 10	SPF 10	SPF 10	SPF 10	SPF 10	SPF 10	SPF 10	SPF 10	SPF 10
SPF 15	SPF 15	SPF 15	SPF 15	SPF 15	SPF 15	SPF 15	SPF 15	SPF 15	SPF 15	SPF 15	SPF 15	SPF 15
SPF 20	SPF 20	SPF 20	SPF 20	SPF 20	SPF 20	SPF 20	SPF 20	SPF 20	SPF 20	SPF 20	SPF 20	SPF 20
SPF 30	SPF 30	SPF 30	SPF 30	SPF 30	SPF 30	SPF 30	SPF 30	SPF 30	SPF 30	SPF 30	SPF 30	SPF 30
SPF 40	SPF 40	SPF 40	SPF 40	SPF 40	SPF 40	SPF 40	SPF 40	SPF 40	SPF 40	SPF 40	SPF 40	SPF 40
SPF 50	SPF 50	SPF 50	SPF 50	SPF 50	SPF 50	SPF 50	SPF 50	SPF 50	SPF 50	SPF 50	SPF 50	SPF 50
SPF 60	SPF 60	SPF 60	SPF 60	SPF 60	SPF 60	SPF 60	SPF 60	SPF 60	SPF 60	SPF 60	SPF 60	SPF 60
SPF 70	SPF 70	SPF 70	SPF 70	SPF 70	SPF 70	SPF 70	SPF 70	SPF 70	SPF 70	SPF 70	SPF 70	SPF 70
SPF 80	SPF 80	SPF 80	SPF 80	SPF 80	SPF 80	SPF 80	SPF 80	SPF 80	SPF 80	SPF 80	SPF 80	SPF 80
SPF 90	SPF 90	SPF 90	SPF 90	SPF 90	SPF 90	SPF 90	SPF 90	SPF 90	SPF 90	SPF 90	SPF 90	SPF 90
SPF 100	SPF 100	SPF 100	SPF 100	SPF 100	SPF 100	SPF 100	SPF 100	SPF 100	SPF 100	SPF 100	SPF 100	SPF 100

TIME PRESSURE

PROUT	LOAD	TIME	LOAD	TIME	LOAD	TIME	LOAD	TIME	LOAD	TIME	LOAD	TIME
0.00-0	0	15	15	15	15	15	15	15	15	15	15	15
0.00-0	0	15	15	15	15	15	15	15	15	15	15	15
0.00-0	0	15	15	15	15	15	15	15	15	15	15	15
0.00-0	0	15	15	15	15	15	15	15	15	15	15	15

WARNING

ROTATING
FAN

78500

Rear PTO shaft
turns at engine
speed, 3250 rpm

78600

WARNING

GRASP HANDLE
NOT CHAIN

78494



78489



78649



78814



78843

POISON/ANGER RISQUE DE BRULURES SERIEUSES

Contient de l'acide sulfurique. Eviter tout contact avec la peau, les yeux ou les vêtements. Antidote: EXTERNE: Rincer à l'eau. INTERNE: Boire une grande quantité d'eau ou de lait. Boire ensuite de la magnésie, des œufs battus ou de l'huile végétale. Appeler un médecin immédiatement. Yeux: Rincer à l'eau pendant 15 minutes et consulter un médecin rapidement.

Les batteries produisent des gaz explosifs. Éloigner toute flamme, fumée ou cigarette. Ventiler une bonne ventilation pendant la charge ou l'utilisation dans un local clos. Toujours se protéger les yeux pour travailler à proximité des batteries.

TEINER À L'ÉCART DES ENFANTS

DÉTACHER LE MOIS ET L'ANNÉE DE LA VENTE

JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
Le niveau de l'électrolyte doit être à la ligne indicatrice. L'état de la batterie et sa charge doivent être vérifiés au printemps et à l'automne avec un appareil approprié.

1 2 3 4 5 6 7 8 9 0

Ariens Company

655 West Ryan St., Brillinn, Wisconsin 54110



78486

DECALS FOR HYDROSTATIC MODELS MODELS 931019, 22, 23, 24, 25, & 26

ENGLISH

FRANÇAIS

⚠ WARNING

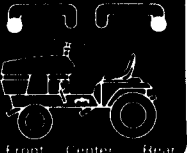
Brakes will not stop tractor unless
neutralizer pedal is depressed

or speed selector is in neutral

IMPORTANT Change transmission oil filter annually or every 100 hours, whichever comes first. Refer to Owners Manual for maintenance.

Lift Selector

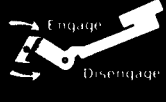
Front Lift Rear Lift



Front Center Rear

Parking Brake


Depress Brake Pedal
Then Engage Parking
Brake Lock



Engage
Disengage

78841

⚠ AVERTISSEMENT



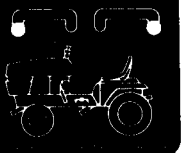

Les freins n'arrêteront pas le
tracteur si vous n'appuyez pas
sur la pédale de neutralisation

ou si le levier de changement de
vitesse n'est pas en position de
point mort

IMPORTANT Change transmission oil filter annually or every 100 hours, whichever comes first. Refer to Owners Manual for maintenance.

Lift Selector

Front Lift Rear Lift



Front Center Rear

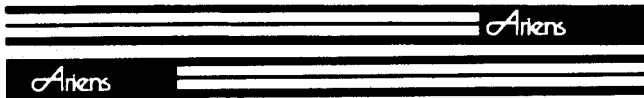
Parking Brake

Depress Brake Pedal
Then Engage Parking
Brake Lock



Engage
Disengage

78811



931019 L.H. 78587
931019 R.H. 78588

931025 L.H. 78800
931025 R.H. 78801

931023 L.H. 078589
931023 R.H. 078590

931022 L.H. 78591
931022 R.H. 78592

931026 L.H. 78802
931026 R.H. 78803

931024 L.H. 078585
931024 R.H. 078586



78226

⚠ AVERTISSEMENT




Les freins n'arrêteront pas le tracteur si la
pédale de neutralisation n'est pas enfoncée

ou si le sélecteur de vitesse n'est pas au
point mort

IMPORTANT Change transmission oil filter annually or every 100 hours, whichever comes first. Refer to Owners Manual for maintenance.

Lift Selector

Front Lift Rear Lift



Front Center Rear

Parking Brake


Depress Brake Pedal
Then Engage Parking
Brake Lock



Engage
Disengage

078656

⚠ WARNING


Brakes will not stop tractor unless
neutralizer pedal is depressed

or speed selector is in neutral

IMPORTANT Change transmission oil filter annually or every 100 hours, whichever comes first. Refer to Owners Manual for maintenance.

Lift Selector


Front Lift Rear Lift



Front Center Rear

Parking Brake

Depress Brake Pedal
Then Engage Parking
Brake Lock



Engage
Disengage

78503

COMPLIANCE WITH CANADIAN RADIO INTERFERENCE REGULATIONS CERTIFIED
REPLACE SPARK PLUG WITH RESISTOR SPARK PLUG ONLY !
CERTIFIÉ CONFORME AU RÈGLEMENT CANADIEN SUR LE BROUILLAGE RADIOÉLECTRIQUE
REMPLACER LA ROUGIE PAR UNE ROUGIE À RÉSISTANCE SEULEMENT !

78400

DECALS FOR GEAR TRACTOR

ÉTIQUETTES - TRANSMISSIONS MECANQUES

MODELS 931020 & 931021

Rear PTO shaft
turns at engine
speed, 3250 rpm

078600

L'arbre de PDF
arrière tourne à la
vitesse du moteur
de 3250 tr/mn

078660

WARNING

GRASP HANDLE
NOT CHAIN

078494

AVERTISSEMENT

Saisir la poignée,
et non pas la chaîne.

078650

WARNING

ROTATING
FAN

078500

AVERTISSEMENT

VENTILATEUR
ROTATIF

078655



931019 L.H. 078587 931022 L.H. 078591 931023 L.H. 078599 931024 L.H. 078585
931019 R.H. 078588 931022 R.H. 078592 931023 R.H. 078590 931024 R.H. 078586



078489



078649

WARNING

Blades will cut deep, take for minutes,
with a more pedal is depressed.
Do not use blades for cutting the lawn.

IMPORTANT



78503



78226

AVERTISSEMENT

Les lames vont couper profondément, il faut
attendre quelques minutes avant de marcher sur la
pelouse. Ne pas utiliser les lames pour couper la
pelouse.

IMPORTANT



078656

COMPLIANCE WITH CANADIAN RADIO INTERFERENCE REGULATIONS CERTIFIED
REPLACE SPARK PLUG WITH RESISTOR SPARK PLUG ONLY!
CERTIFIÉ CONFORME AU RÈGLEMENT CANADIEN SUR LE BROUILLAGE RADIOÉLECTRIQUE
REPLACER LA ROUGIE PAR UNE ROUGIE À RÉSISTANCE SEULEMENT!

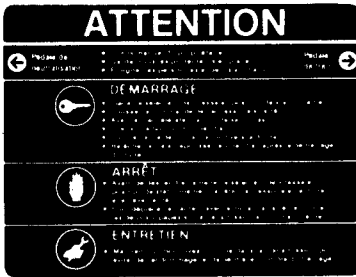
78400

PART NUMBER 79394
NUMÉRO DE PIÈCE 79394

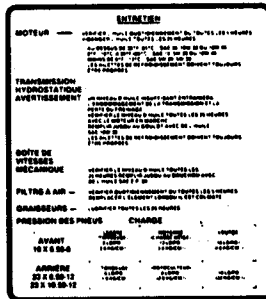
DECALS FOR GEAR TRACTOR

ÉTIQUETTES - TRANSMISSIONS MECANQUES

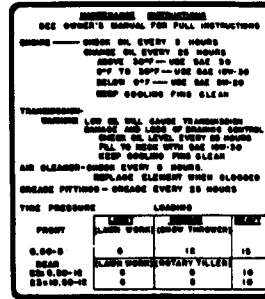
MODELS 931020 & 931021



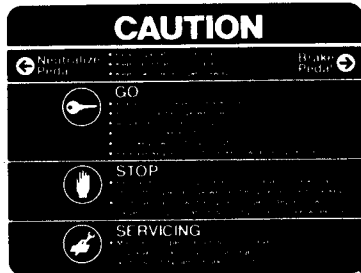
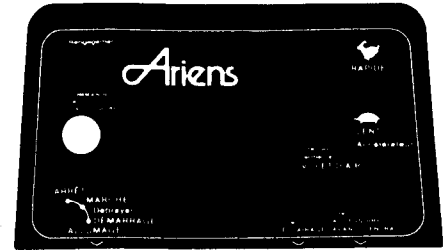
078654



078661



078651



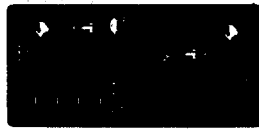
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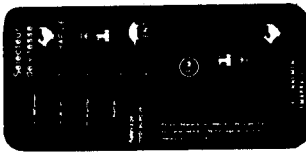
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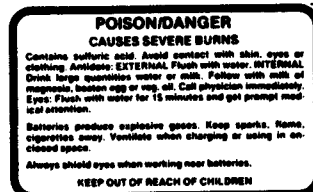
078658



078477
CONTROL CONSOLE



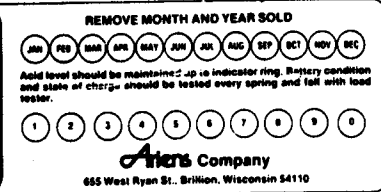
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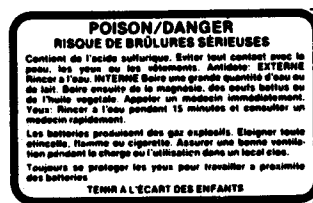
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078496



078486



078385



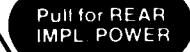
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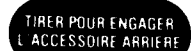
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078659



078548



078657



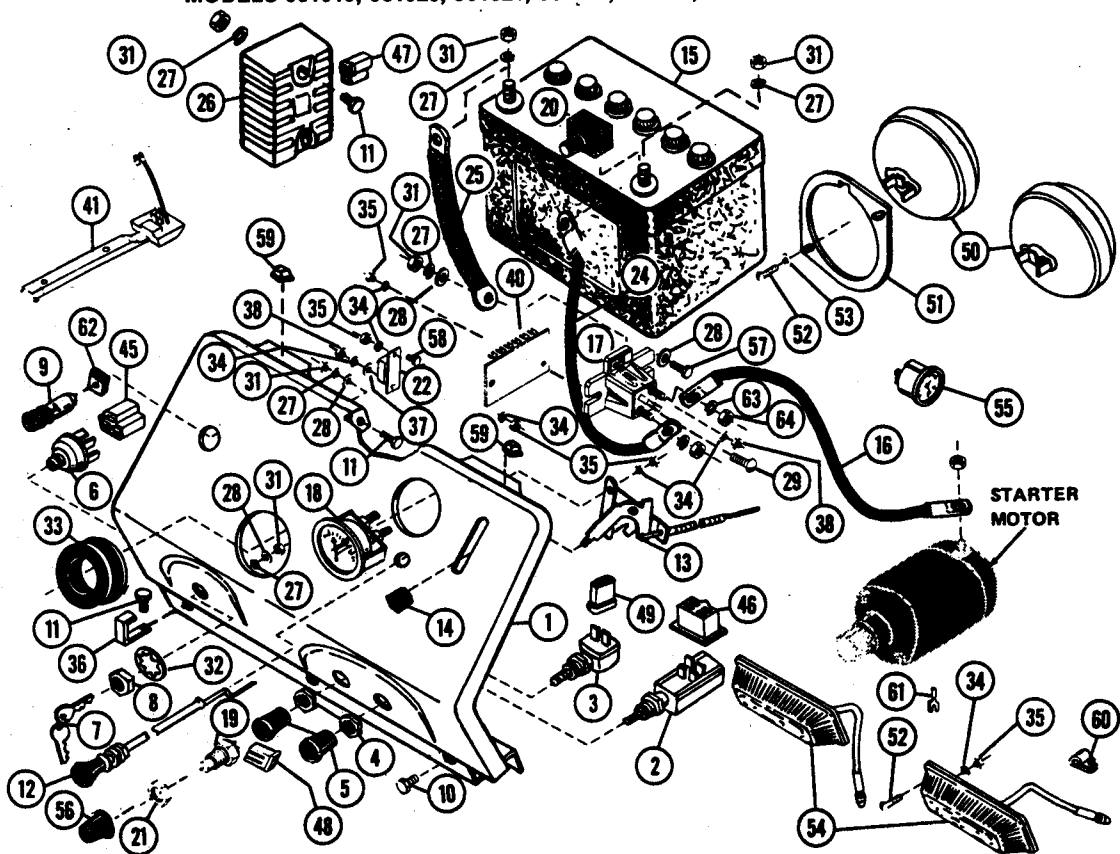
078653



078497

PART NUMBER 79394
NUMÉRO DE PIÈCE 79394

DASH, CONTROLS AND ELECTRICAL
MODELS 931019, 931020, 931021, 931022, 931023, 931025 & 931026

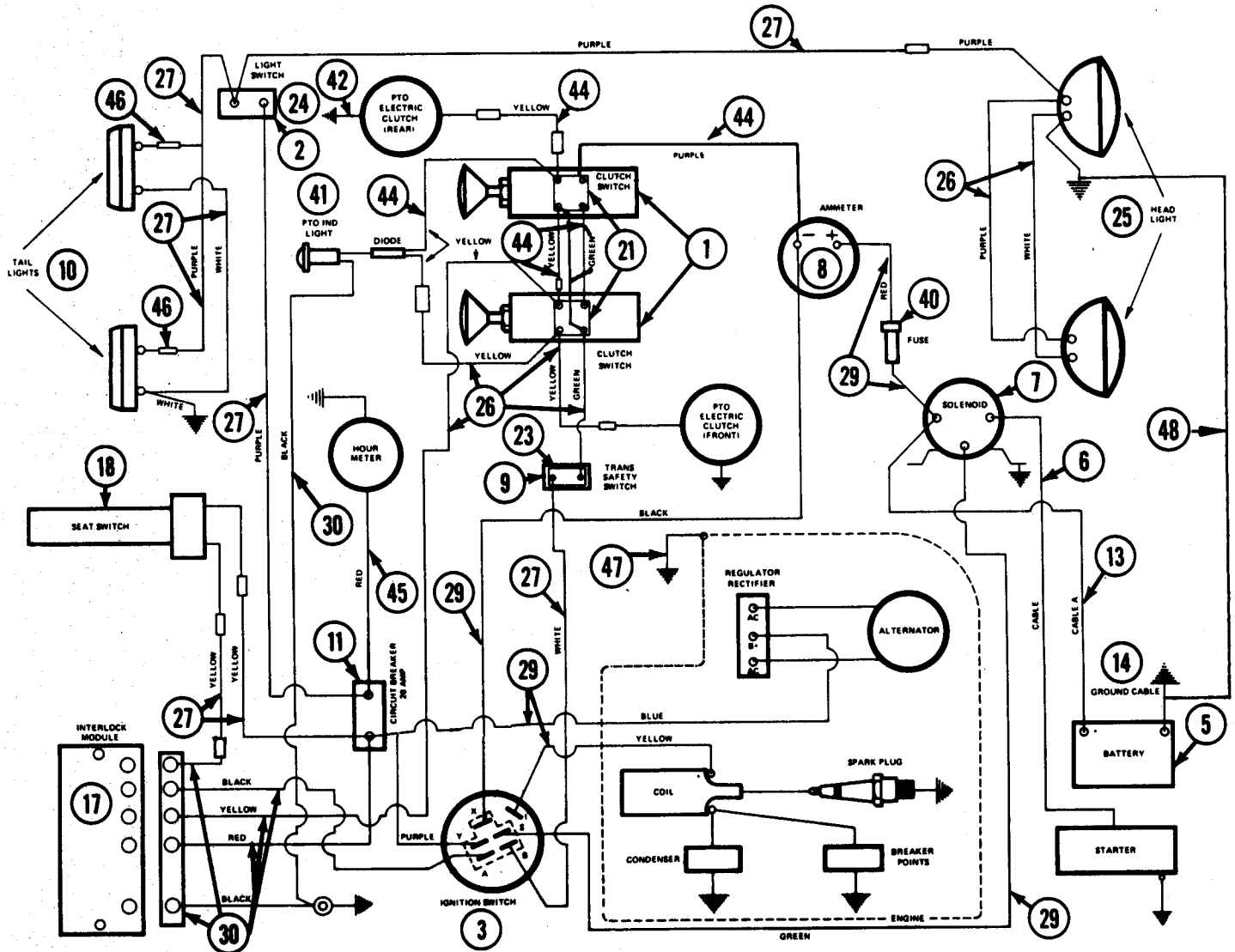


REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	
1	531124	Dash W/Decals	1	31	Nut, Hex, 1/4"	8
2	031150	Switch, Clutch (2 used on 931019, 26)	1	32	Lockwasher, Int. Tooth 9/16"	1
3	031151	Switch, Lights	1	33	Grommet	1
4	085104	Nut, Jam 1/2" (3 used on 931019, 26)	2	34	Lockwasher, Ext. Tooth No. 10	17
5	075088	Knob, Switch, (3 used on 931019, 26)	2	35	Nut, Hex No. 10-24	16
6	631212	Switch, Ignition and Key Set	1	36	Clip	2
7	013157	Key Set	1	37	Washer	4
8	085108	Nut, Special 9/16"	1	38	Nut	5
9	031983	PTO Indicator	1	40	Interlock Module	1
10	074043	Screw, Self Tapping No. 10-24 x 1/2"	4	41	Seat Switch	1
11	059001	Capscrew, HH, 1/4-20 x 1/4"	6	45	Connector Housing, 5 Wire	1
12	069103	Choke Control, (931022 and 931023)	1	46	Connector Housing, 4 Wire	2
	069123	Choke Control, (931019, 26)	1	47	Connector Housing, 3 Wire	1
	069115	CHOKE CONTROL, (931024 only)	1	48	Connector Housing, 2 Wire	1
13	069104	Throttle Control (931022, 931023)	1	49	Connector	1
	069122	Throttle Control (931019, 26)	1	50	Head Light	2
	069116	THROTTLE CONTROL (931024 only)	1	51	Retainer Ring	2
14	075019	Knob, Throttle Control	1	52	Screw, Machine, Truss H. No. 10 1/2"	8
15	031085	Battery, 12 Volt	1	53	Washer	8
16	031111	Cable Ass'y, Solenoid to Starter	1	54	Tail Light	2
	030137	Cable Ass'y, Solenoid to Starter (931019, 26)	1		Bulb - for item 54-GE 1895 (not ill.)	2
17	030387	Solenoid Starter Switch	1		Lens - Red for item 54 (not ill.)	2
18	031117	Ammeter	1	55	Hour Meter (931019, 26)	1
19	031107	Switch, Safety	1	56	Boot, Switch	1
20	075057	Insulator	1	57	Capscrew	1
21	065071	Nut, Special 5/8"	1	58	Machine Screw	2
22	031102	Circuit Breaker, 20 Amp.	1	59	Hood Stop	2
24	031110	Cable Ass'y, Battery to Solenoid	1	60	Clip	4
	030136	Cable Ass'y, Battery to Solenoid (931019, 26)	1	61	Adapter	2
25	031103	Cable Ass'y, Battery to Ground	1	62	Speed Nut	1
26		Regulator Rectifier (931022, 23, 25)	1	63	Lockwasher, 5/16-24 (Cables to solenoid)	2
		Kohler No. 237335	1	64	Nut, Hex, 5/16-24 (Cables to solenoid)	2
27	063002	Lockwasher, 1/4"	8			
28	064127	Washer, Flat 1/4"	4			
29	061012	Machine Screw, No. 10-24 x 1/2"	3			

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	031150	Switch, Clutch	1
2	031151	Switch, Lights	1
3	631212	Switch, Ignition	1
4	031983	PTO Indicator Light (Consists of)	1
	030043	Bulb	1
	030042	Lens	1
	030044	Socket	1
	030279	Speed Nut	1
5	031085	Battery, 12 Volt	1
6	031111	Cable Ass'y, Solenoid to Starter	1
7	030387	Solenoid Starter Switch	1
8	031117	Ammeter	1
9	031107	Switch, Safety	1
10	631006	Tail Light	2
11	031102	Circuit Breaker, 20 Amp	1
13	031110	Cable Ass'y, Battery to Solenoid	1
14	031103	Cable Ass'y, Battery to Ground	1
15		Regulator Rectifier	1
	Kohler 237335		1
17	030172	Interlock Module	1
18	031716	Seat Switch	1

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
20	023478	Connector Housing, 5 Wire	1
21	023595	Connector Housing, 4 Wire	1
22	031106	Connector Housing, 3 Wire	1
23	031895	Connector Housing, 2 Wire	1
24	031105	Connector	1
25	031149	Head Light	2
26	030168	Wire Harness, Headlight	1
27	531132	Wire Harness, Taillight	1
29	030169	Dash Harness, 7½" Long (black) 20 Amp	1
30	030170	Interlock Module Harness	1
40		Std 30 Amp Fuse	1
43	030183	Interlock Wire	1
45	031964	Wire Harness	1
46	030050	Clip	2
47	031111	Cable, Engine to Ground	1
HARDWARE NOT ILLUSTRATED:			
	063003	Lockwasher, 5/16-24 (Cables to solenoid)	2
	065100	Nut, Hex, 5/16-24 (Cables to solenoid)	2
	063011	Lockwasher, 3/16 (Wiring to solenoid)	1
	065026	Nut, Hex, 10-32 (Wiring to solenoid)	1

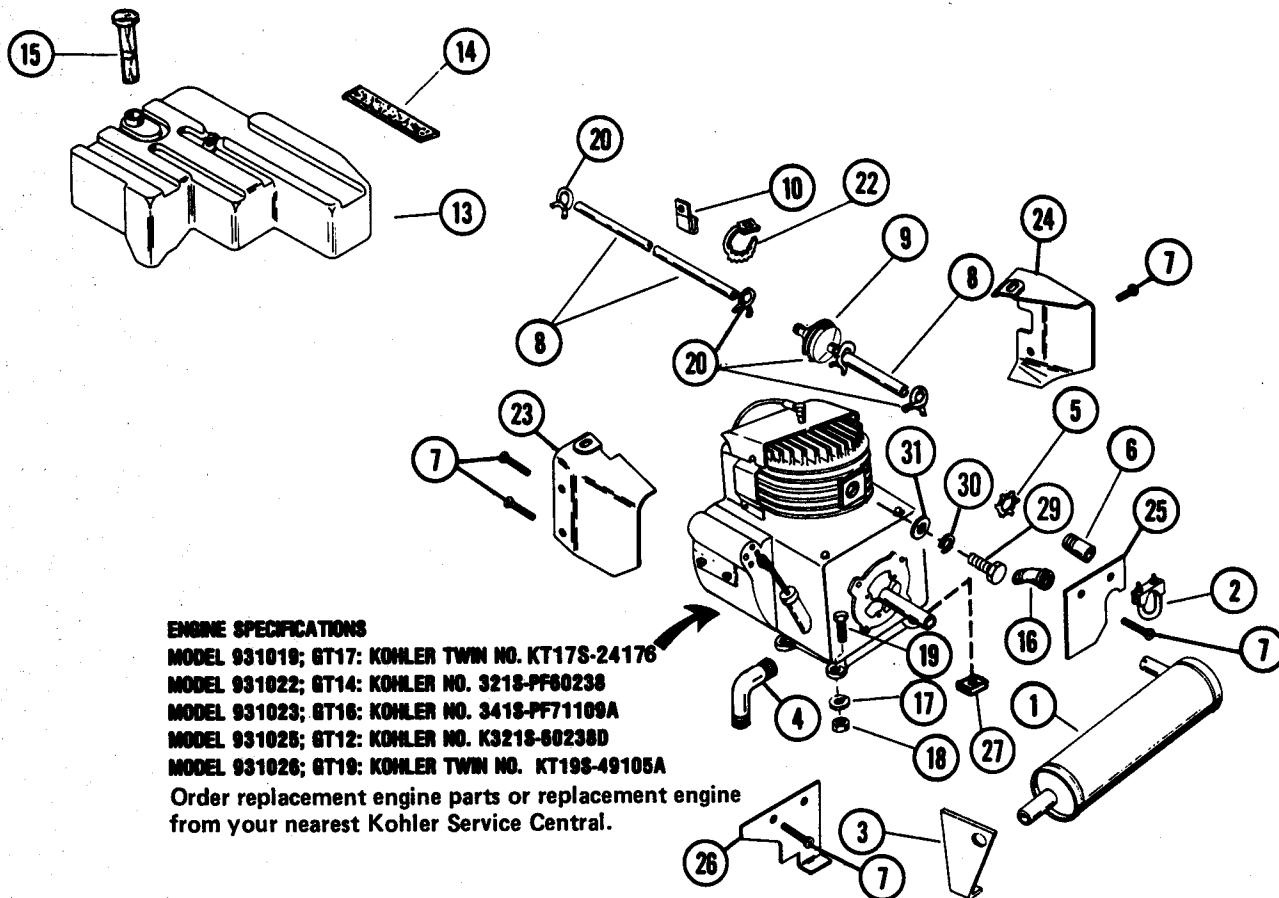
DUAL CLUTCH ELECTRICAL WIRING DIAGRAM MODELS 931019, 931024 & 931026



REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D	REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	031150	Switch, Clutch	2	26	030168	Wire Harness, Headlight & Clutch	1
2	031151	Switch, Lights	1	27	531132	Wire Harness, Tail Light	1
3	631212	Switch, Ignition	1	29	030169	Dash Harness	1
5	031085	Battery, 12 Volt	1	30	030170	Interlock Module Harness	1
6	030137	Cable Ass'y, Solenoid to Starter	1	40		Std. 30 a SAE Fuse	1
7	030387	Solenoid Starter Switch	1	41	031983	PTO Indicator Light (Consists of)	1
8	031117	Ammeter	1		030042	Lens	
9	031107	Switch, Safety	1		030043	Lamp Socket	
10	631006	Tail Light	2		030279	Speed Nut	
11	031102	Circuit Breaker, 20 Amp	1	42	023030	Ground Wire	1
13	031110	Cable, Battery to Solenoid	1	44	030171	PTO Harness	1
14	031103	Cable, Battery to Ground	1	45	031964	Wire Harness Hour Meter	1
17	030172	Interlock Module	1	46	030050	Clip	2
18	031716	Seat Switch	1	47	031111	Cable, Engine to Ground	1
20	023478	Connector Housing, 5 Wire	1	48	030374	Ground Wire	1
21	023595	Connector Housing, 4 Wire	2	HARDWARE NOT ILLUSTRATED:			
23	029170	Connector Housing, 2 Wire	1				
24	031105	Connector	1				
25	031149	Headlight	2				
				063003	Lockwasher, 5/16-24 (Cables to solenoid)		2
				065100	Nut, Hex, 5/16-24 (Cables to solenoid)		2
				063011	Lockwasher, 3/16 (Wiring to solenoid)		1
				065026	Nut, Hex, 10-32 (Wiring to solenoid)		1

MUFFLER, FUEL LINES & TANK

MODELS 931019, 931020, 931021, 931022, 931023, 931024, 931025 & 931026



ENGINE SPECIFICATIONS

MODEL 931019; GT17: KOHLER TWIN NO. KT17S-24176

MODEL 931022; GT14: KOHLER NO. 3218-PF60238

MODEL 931023; GT16: KOHLER NO. 3418-PF71109A

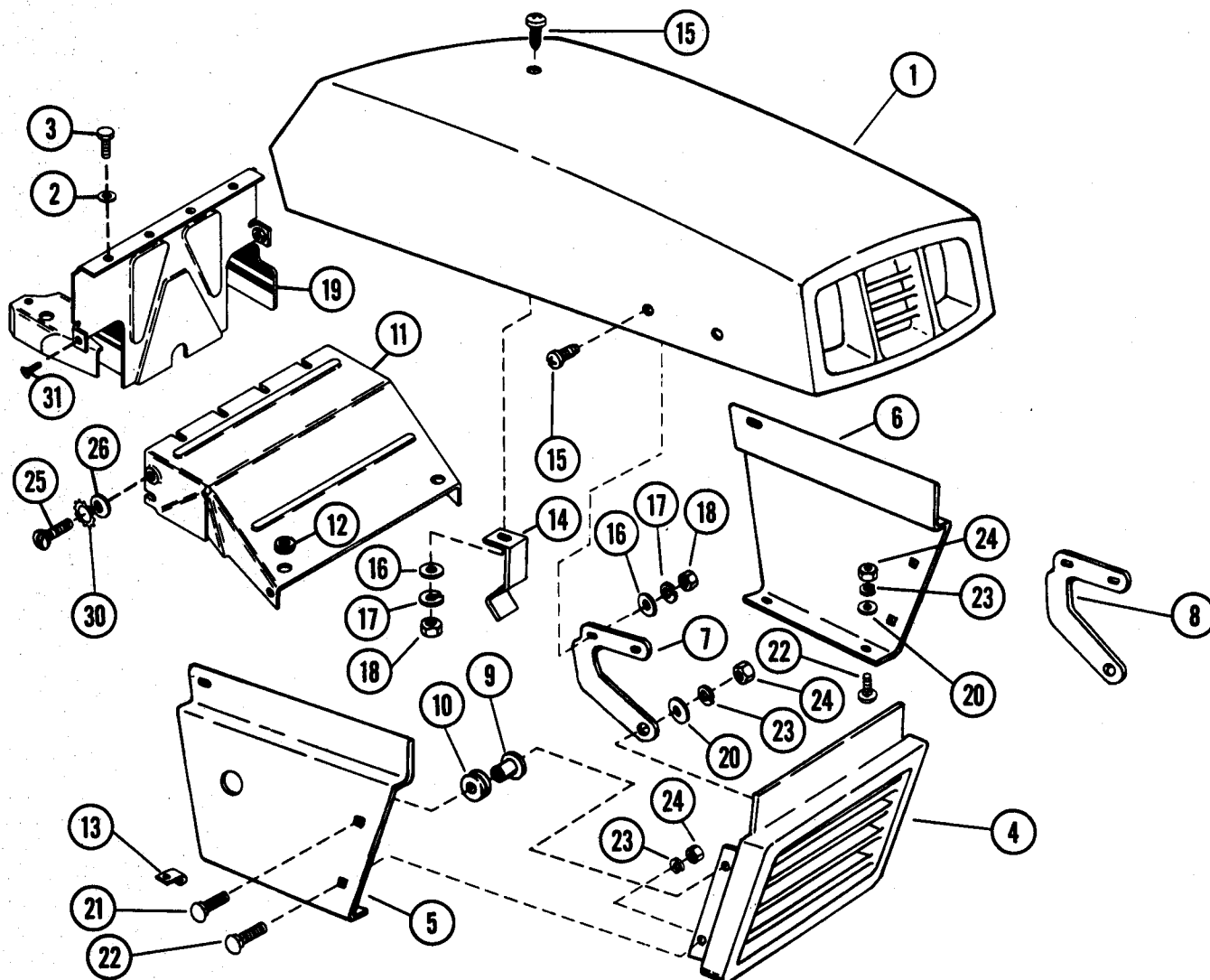
MODEL 931025; GT12: KOHLER NO. K3218-60238D

MODEL 931026; GT19: KOHLER TWIN NO. KT19S-49105A

Order replacement engine parts or replacement engine from your nearest Kohler Service Central.

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D					REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D				
			931019, 26	931020, 21	931022, 25	931023	931024				931019, 26	931020, 21	931022, 25	931023	931024
1	030135	Muffler	1					14	031904	Foam, 6" Long	AR	AR	AR	AR	
	030019	Muffler		1	1			15	031819	Gas Gauge & Cap	1	1	1	1	
	031984	MUFFLER					1	16	031190	Elbow, Street 45°, 1"				1	1
2	023401	Clamp, Single Cyl. (931022, 23, 25)		1	1	1			030018	EL ROW, Street 45°					
	030378	Clamp, Twins (931019, 26)	1					17	063021	Lockwasher, 3/8	3	4	4	4	4
3	031129	Bracket, Muffler	1					18	065122	Nut, Hex, 3/8	3	4	4	4	4
	031187	Bracket, Muffler		1	1			19	059151	Cap Screw, 3/8 x 1 1/2 Gr. 5	4	4	4	4	4
4	030185	Elbow	1					20	029172	Hose Clamp	4	4	4	4	4
5	070039	Locknut, Special		1				22	069053	Tie	2	2	2	2	2
	070040	LOCKNUT, Special					1	23	030319	R.H. Cylinder Baffle (931026)	1				
6	031177	Pipe, 1 1/4 x 2"		1				24	030320	L.H. Cylinder Baffle (931026)	1				
	030017	Pipe Nipple 1 1/2"				1		25	030315	L.H. Cylinder Baffle (931026)	1				
7	074055	Tapping Screw, #10-12 x 1/2 (931026)	7					26	030316	R.H. Cylinder Baffle (931026)	1				
8	030020	Hose, 55" Long	1	1	1	1	1	27	070078	Spec. Nut, 3/8 Gr. 5 (931026)				1	
9	029108	Filter, Fuel	1	1	1	1	1	28	064002	WASHER 3/8	2				
10	069094	"J" Clamp	1	1	1	1	1	29	030196	STUD					1
13	631224	Tank, Fuel (Top Outlet)	1	1	1	1	1	29	030204	STUD	1				
	031818	TANK, Fuel (Bottom Outlet)	1	1	1	1	1	30	063002	LOCKWASHER	1				
								30	063003	LOCKWASHER					1
								31	064007	WASHER, Flat					2
								31	064001	WASHER, Flat	1				

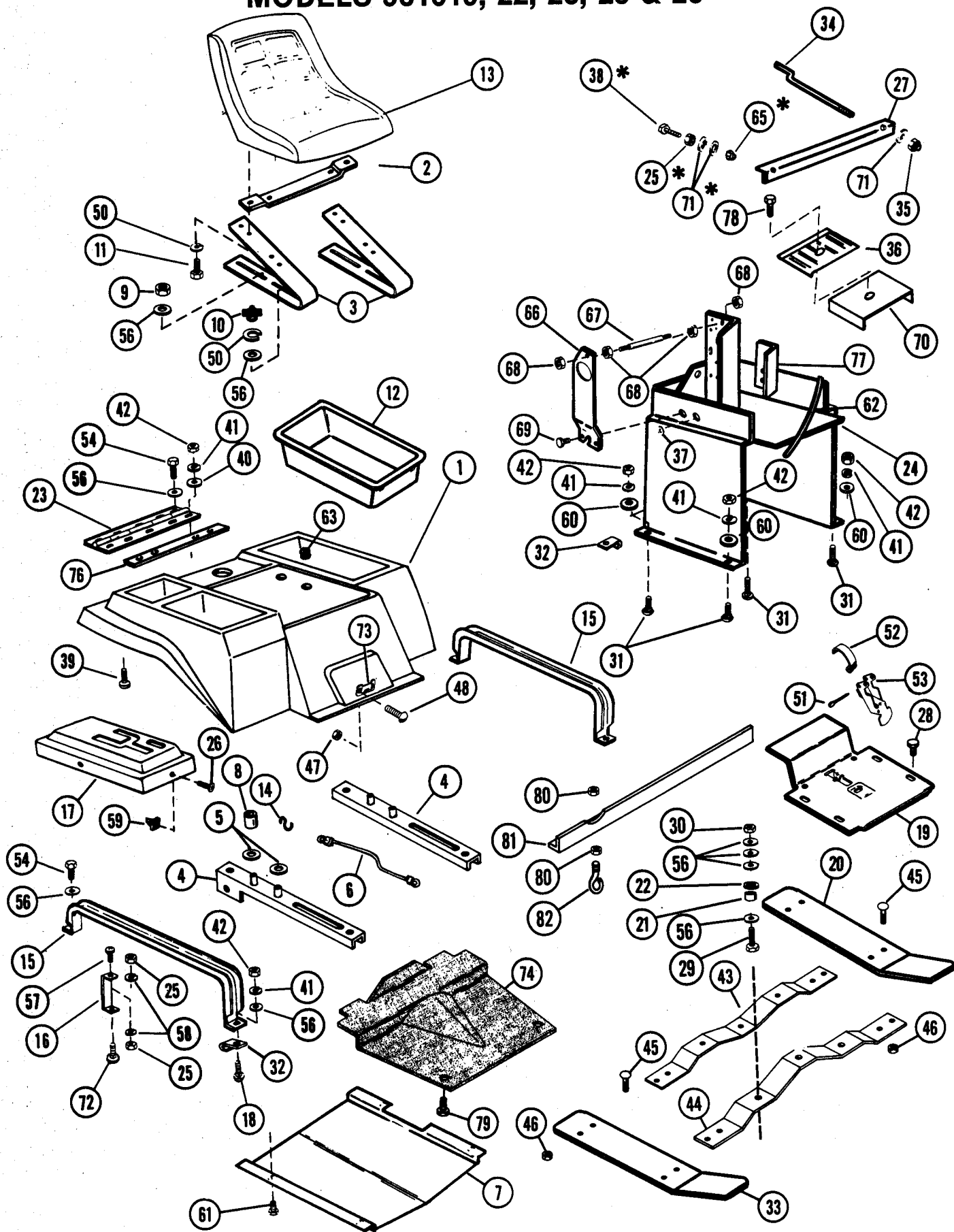
HOOD, GRILLE, AND HEAT SHIELD MODELS 931019, 20, 21, 22, 23, 24, 25 & 26



REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D	REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	031174	Hood, NOTE: Decals, Nameplates, and Hood Stops Must Be Ordered as Required	1	14	031093	Latch	1
2	064065	Washer .268" ID. x 9/16" OD.	4	15	061039	Screw, Machine, Truss H, 1/4 x 3/4"	5
3	059080	Cap Screw, 1/4-20 x 5/8"	4	16	064127	Washer, Flat, 1/4"	5
4	031046	Grille	1	17	063002	Lockwasher, 1/4"	5
5	030129	Side, Right Hand (931019, 931026)	1	18	065032	Nut, Hex, 1/4"	5
	031139	Side, Right Hand	1	19	030317	Exhaust Manifold Shield (931026)	1
6	031138	Side, Left Hand	1	20	064008	Washer, Flat, 3/8"	6
7	031185	Hinge, Right Hand	1	21	062032	Bolt, Carriage 3/8" x 2"	2
8	031186	Hinge, Left Hand	1	22	062013	Bolt, Carriage 3/8" x 1"	6
9	031145	Spacer, 3/4"	1	23	063021	Lockwasher, 3/8"	8
10	075064	Grommet	2	24	065018	Nut, Hex, 3/8"	8
11	031091	Muffler Shield (931020, 21, 22, 23, 25)	1	25	061042	Screw, Machine, Truss 5/16" x 3/4"	2
	030121	Muffler Shield (931019)	1	26	064123	Washer, Flat, 5/16"	2
	030318	Muffler Shield (931026)	1	30	063018	Star Lockwasher	2
	031986	Muffler Shield (931024)	1	31	070045	Screw, 1/4-20 (931026)	2
12	075066	Grommet	1				
13	069094	"J" Clamp	2				

Notes

REAR DECK, SEAT, DASH SUPPORT, RUNNING BOARD **MODELS 931019, 22, 23, 25 & 26**



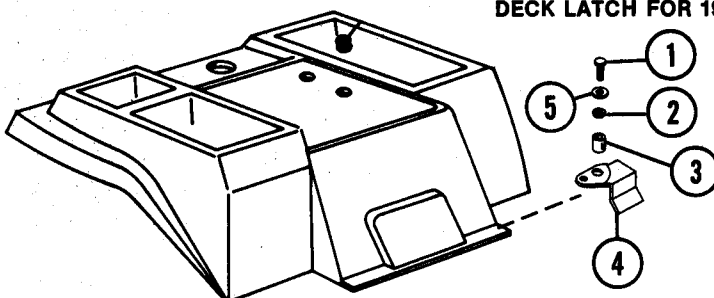
REAR DECK, SEAT, DASH SUPPORT, RUNNING BOARD

MODELS 931019, 22, 23, 25 & 26

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D	REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	030045	Rear Deck	1	40	064123	Washer, Flat, 5/16"	4
2	030186	Seat Mount	2	41	063003	Lockwasher, 5/16"	10
3	030090	Seat Spring	2	42	065015	Nut, Hex, 5/16"	10
4	030091	Seat Support	2	43	030127	Rear Channel	1
5	064145	Washer, .380/.390" ID x .750/.875" x .090/.125"	4	44	030128	Front Channel	1
6	069102	Cable, 24"	1	45	062009	Bolt, Carriage, 5/16-18 x 1/2"	8
*7	031798	Bottom Cover	1	46	065078	Nut, Flanged Whizlock, 5/16-18	8
8	030092	Spacer	2	47	065044	Whizlock Nut, 1/2-20	2
9	065039	Locknut, 3/8-16	2	48	061012	Machine Screw, 10-24 x 1/2"	2
10	075090	Seat Knob	2	50	063021	Lockwasher, 3/8"	4
11	059004	Cap Screw, 3/8-16 x 1"	4	51	067014	Cotter Pin, 1/8" x 1-1/4"	2
12	030093	Tray	1	52	030309	Spring - Deck Latch	1
13	030089	Seat	1	53	030308	Lever - Deck Latch	1
14	002043	"S" Hook	1	54	070027	Flange Whizlock Screw, 5/16-18 x 3/4"	5
15	031517	Channel	2	56	064002	Washer, Flat, 5/16"	22
16	031055	Support	1	57	061039	Screw, Machine, Truss H, 1/4" x 3/4"	1
17	631185	Console Deck W/Decals	1	58	063002	Lockwasher, 1/4"	2
	531070	CONSOLE - MODEL 931020	1	59	075076	Plastic Grommet	4
	531071	CONSOLE - MODEL 931021	1	60	064 23	Washer, 11/32" ID x 11/16" OD x 16 GA	2
18	062034	Bolt, Carriage 5/16-18 x 3/4"	2	61	070015	Flange, Whizlock Screw (931022,25)	4
19	631248	Floor Plate (Includes parts 51, 52, 53)	1	62	031709	Hose	1
	531119	FLOOR PLATE - MODEL 931020	1	63	075044	Grommet	1
	531120	FLOOR PLATE - MODEL 931021	1	64	062015	Carriage Bolt, 5/16-18 x 1"	1
20	030125	Running Board, L.H.	1	65	065099	Nut, 1/4-20	1
21	031019	Spacer	4	66	031961	Bracket	1
22	075066	Grommet	4	67	031965	Rod (931019, 931026)	1
23	031028	Hinge	1	68	065056	Locknut	4
24	531123	Dash Support	1	69	074052	Screw, Self Tapping	2
	531133	DASH SUPPORT	1	70	030124	Battery Stand	1
*25	065032	Nut, Hex, 1/4" x 20"	3	71	064127	Washer	4
26	074001	Screw, Self Tapping, No. 10 x 3/8"	4	72	062012	Carriage Bolt, 1/4-20 x 3/4"	2
27	031086	Battery Tie Down	1	73	030307	Catch	1
28	070015	Flanged Whizlock Screw, 5/16-18 x 1/2"	4	74	030295	Screen (931019, 931026)	1
29	059069	Cap Screw, HH, 5/16 - 1-1/4"	4	76	030203	Deck Mounting Strap	1
30	065042	Locknut, Hex, 5/16"	4	77	030211	Battery Bracket	1
31	062011	Bolt, Carriage, 5/16" x 3/4"	4	78	074039	Tapping Screw	1
32	069094	"J" Clamp	2	79	070009	Whizlock Screw (931019, 931026)	2
33	030126	Running Board, R.H.	1	80	065040	Nut	2
34	030134	Rod, Battery Tie Down	2	81	031784	Brace	1
35	065070	Locknut, Crown, 1/4-20	2	82	010289	Eye Bolt	1
36	031999	Battery Tray	1				
37	075065	Grommet	1				
*38	059150	Cap Screw, HH, 1/4-20 x 1-1/2"	1				
39	061042	Screw, Machine, Truss H, 5/16" x 3/4"	4				

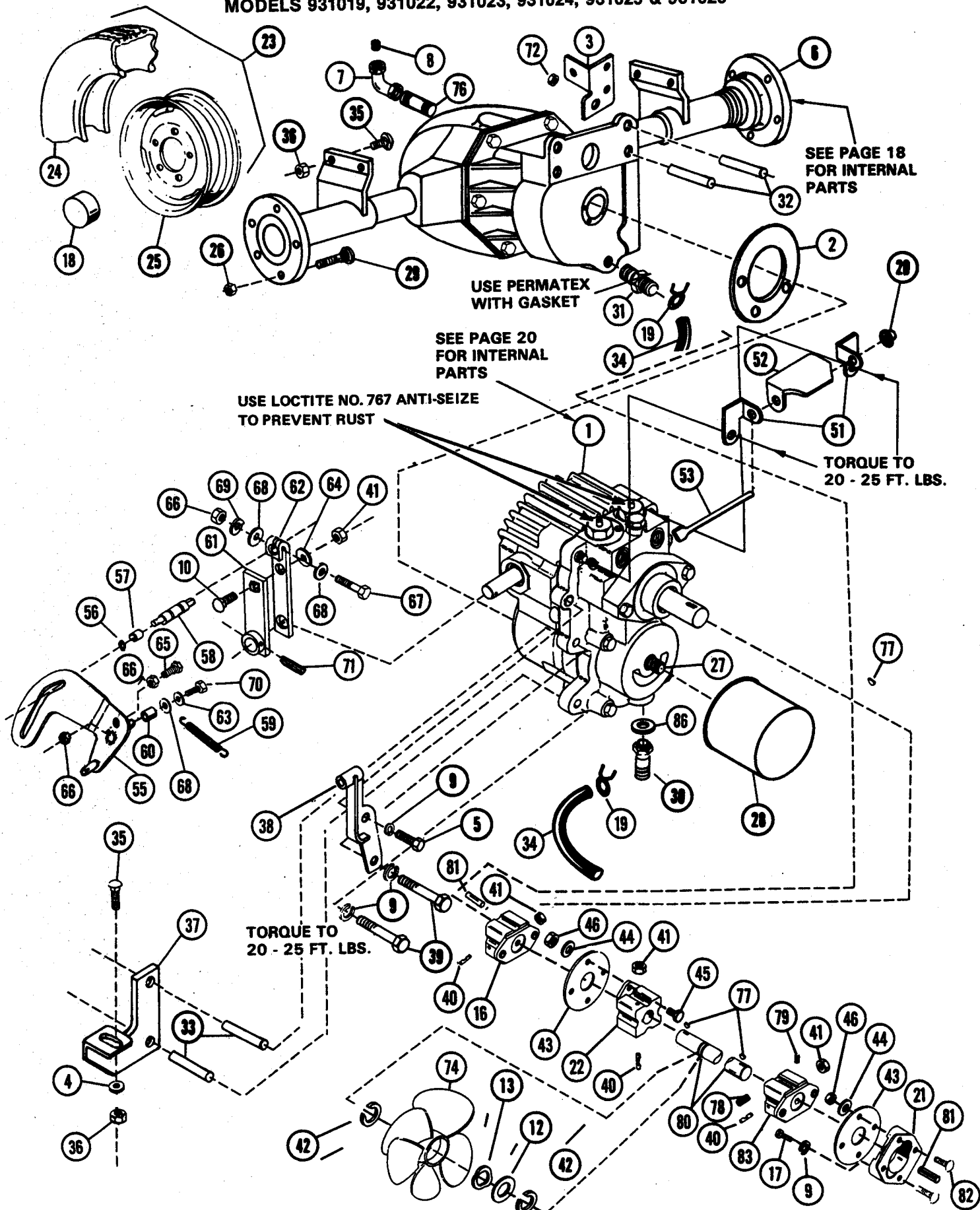
*Parts Not Required on Models 931019 & 931026

DECK LATCH FOR 1979-80 MODELS



REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	070022	FLANGE WHIZLOCK SCREW	2
2	064007	WASHER, Flat, 1/4 std.	2
3	006071	SPACER BUSHING	2
4	030095	LATCH, R.H. (Not L.H.)	1
	030094	LATCH, L.H.	1
5	003254	WAVE WASHER	4

MAIN DRIVE
MODELS 931019, 931022, 931023, 931024, 931025 & 931026



MAIN DRIVE

MODELS 931019, 931022, 931023, 931024, 931025 & 931026

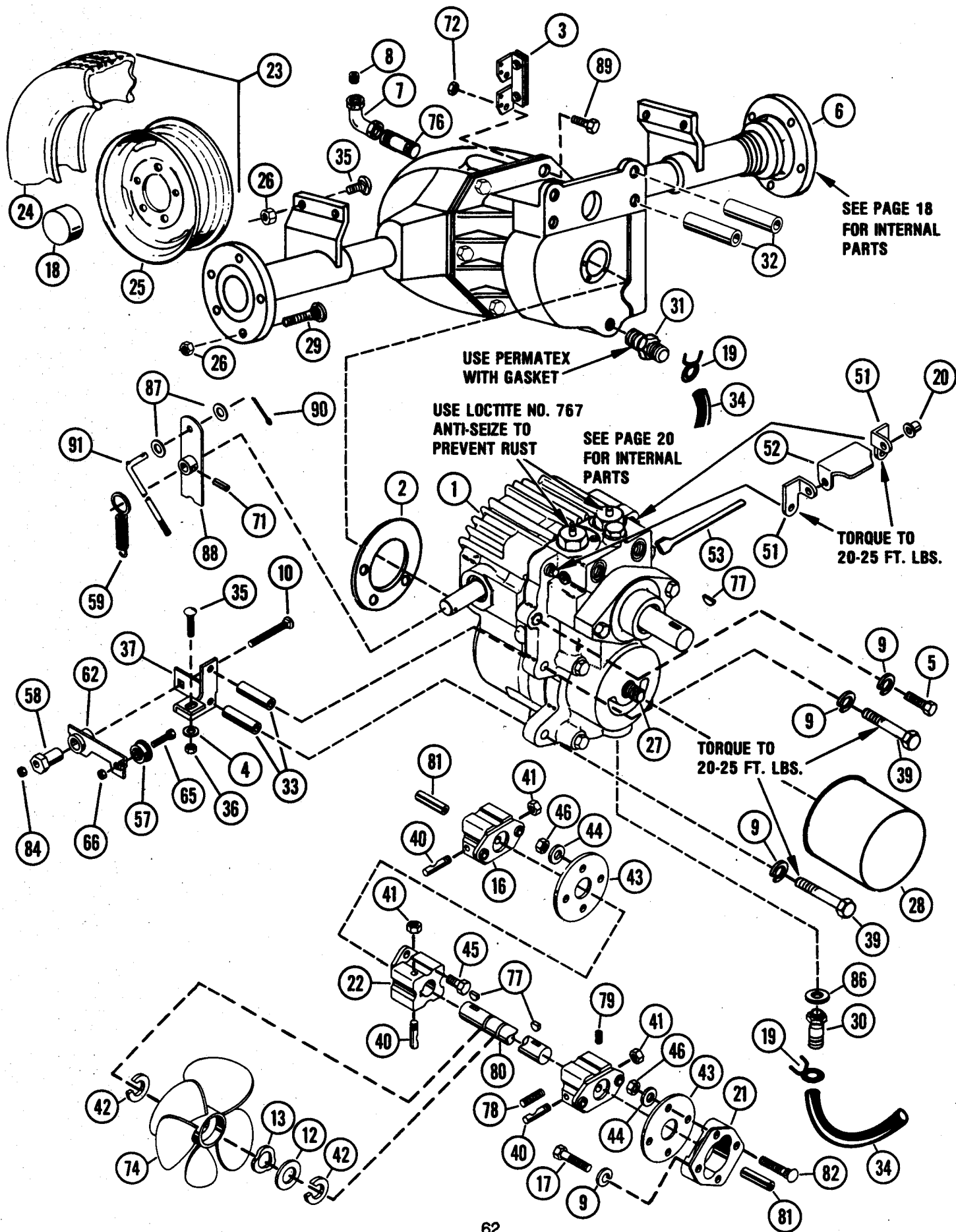
USED ON THE FOLLOWING MODELS

MODEL SERIAL NUMBER

931019 000101 to 005500
 931022 000101 to 002500
 931023 000101 and up
 931024 000101 and up
 931025 000101 to 000600
 931026 000101 to 001000

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D	REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	631184	Transmission	1	43	030140	Coupling	2
2	031480	Gasket	1	44	064123	Washer, Flat, 5/16	8
3	030036	Strap (931019, 931026)	1	45	059034	Cap Screw, HH, 5/16 x 7/8	8
4	064003	Washer	1	46	065042	Locknut, Hex, 5/16	8
5	059006	Cap Screw, HH 3/8 x 1 1/4	1	51	031570	Support	2
6	631177	Axle	1	52	031577	Cam	1
7	030038	Street Elbow, 1/2" x 90°	1	53	031572	Pivot Rod	1
8	001137	Plug, Pipe, 1/2"	1	55	031492	Cam	1
9	063021	Lockwasher, 3/8"	9	56	057063	Snap Ring	1
10	062028	Carriage Bolt, Gr. 5	1	57	031137	Roller, 1/2" O.D.	1
12	064041	Washer, Special	1	58	031023	Eccentric Pin	1
13	003328	Wave Washer	2	59	083116	Spring, 2-13/16 Long	1
16	030148	Coupling	1	60	031691	Hub	1
17	059048	Cap Screw, 3/8-16 x 7/8 HH	4	61	031493	Hub	1
18	075088	Hub Cap	2	62	031494	Pintle Arm	1
19	030065	Hose Clamp	2	63	064003	Washer, Flat, 1/2"	1
20	031573	Push Nut	1	64	064043	Washer, Flat, 3/8"	1
21	030153	Drive Coupling	1	65	059132	Cap Screw, HH, 1/4 x 1	1
21	030154	Drive Coupling (931019, 931026)	1	66	065032	Nut, Hex, 1/4"	3
22	030149	Drive Hub, (931019, 931026)	1	67	059162	Cap Screw, HH, 1/4 x 2" Gr. 5	1
23	631133	Tire & Wheel Ass'y (Consists of	2	68	064127	Washer, Flat, 1/4"	3
24	071119	Tire, 23 x 10.50-12		69	063002	Lockwasher, 1/4"	1
25	071106	Wheel W/Valve		70	070015	Flange Whizlock Screw, 1/4-20 x 1/2"	1
26	065114	Lug Nut	10	71	058038	Roll Pin	1
27	031618	Filter Union	1	72	065043	Nut, (Model 931019, 931026)	1
28	031928	Filter, Oil	1	74	031995	Fan	1
29	030066	Wheel Stud	10	76	030037	Nipple	1
30	030063	Connector	1	77	066003	Key, No. 9 Woodruff	3
31	030062	Connector, Male	1	78	030141	Lock Stud (931019, 931026)	1
32	031487	Spacer	2	79	060001	Setscrew, 3/8-16 x 1/2 (931019, 931026)	1
33	031488	Spacer	2	80	030150	Drive Shaft, (931022 & 931023)	1
34	030064	Hose, 5/8 x 7-5/8	1		030152	Drive Shaft, (931019, 931026)	1
35	062047	Carriage Bolt, 1/2-13 x 1 1/4 Gr. 5	5	81	058066	Pin	2
36	065127	Locknut	5	82	070060	Ribbed Neck Cap Screw, 5/16 x 7/8	2
37	031491	Bracket	1	83	030149	Coupling (931022, 931023)	1
38	031574	Pivot Bracket	1		030155	Coupling, (931019, 931026)	1
39	059175	Cap Screw	4	84	030141	Lock Stud (931019, 931026)	1
40	030139	Stud, Threaded	3	86	056047	"O" Ring	1
41	065122	Locknut, Gr. C	4	87	065018	Nut	1
42	057012	Snap Ring	2				

MAIN DRIVE MODELS 931019, 22, 25, & 26



MAIN DRIVE MODELS 931019, 22, 25 & 26

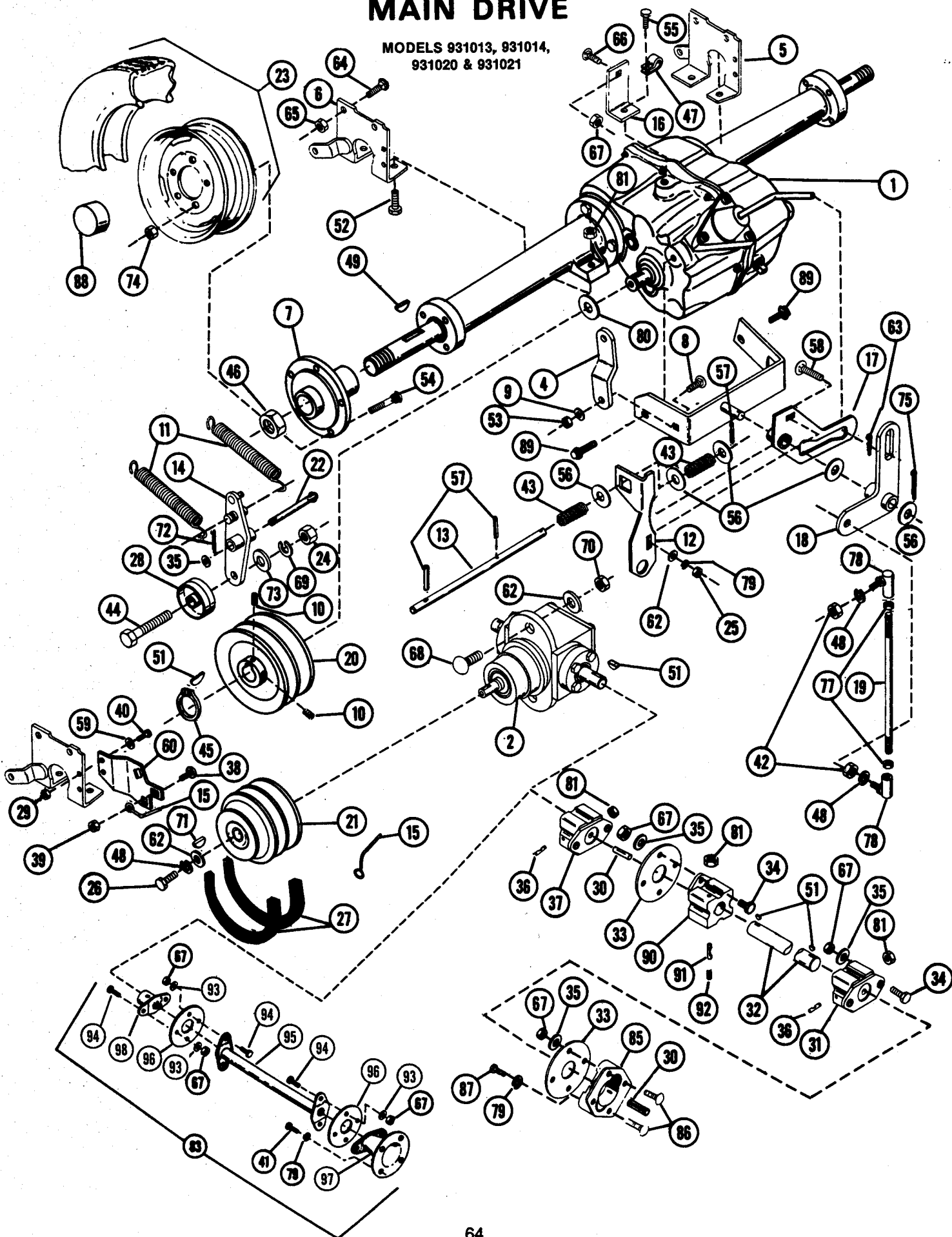
USED ON FOLLOWING MODELS

Model No.	Serial No.
931019	005500 and up
931022	002500 and up
931025	000600 and up
931026	001000 and up

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D	REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	631184	Transmission	1	40	030139	Stud, Threaded	3
2	031480	Gasket	1	41	065122	Locknut, 3/8-16, Gr. C	4
3	631261	Link Ass'y (931019, 931026)	1	42	057012	Snap Ring	2
4	064003	Washer, SAE 1/2-17/32" ID x 1-1/16" OD x 3/32"	1	43	030140	Coupling	2
5	059006	Cap Screw, HH 3/8" x 1-1/4"	1	44	064123	Washer, Flat, 5/16"	8
6	631177	Axle	1	45	059034	Cap Screw, HH, 5/16" x 7/8"	8
7	030038	Street Elbow, 1/2" x 90°	1	46	065042	Locknut, Hex, 5/16"	8
8	001137	Plug, Pipe, 1/2"	1	51	031570	Support	2
9	063021	Lockwasher, 3/8"	9	52	031577	Cam	1
10	062082	Carriage Bolt, 5/16-18 x 2-1/4"	1	53	031572	Pivot Rod	1
12	064041	Washer, Special	1	57	054149	Ball Bearing	1
13	003328	Wave Washer	2	58	030397	Eccentric	1
16	030148	Coupling	1	59	083196	Spring, 2-13/16" Long	1
17	059048	Cap Screw, 3/8-16 x 7/8" HH	4	62	030398	Detent Arm	1
18	075088	Hub Cap	2	65	059132	Cap Screw, HH, 1/4" x 1"	1
19	030065	Hose Clamp	2	66	065040	Nut, Hex, 1/4"-20 Center Lock	3
20	031573	Push Nut	1	71	058038	Roll Pin	1
21	030153	Drive Coupling	1	72	065043	Nut, (931019, 931026)	1
21	030154	Drive Coupling (931019, 931026)	1	74	031995	Fan	1
22	030149	Drive Hub, (931019, 931026)	1	76	030037	Nipple	1
23	631133	Tire & Wheel Ass'y (Consists of	2	77	066003	Key, No. 9 Woodruff	3
24	071119	Tire, 23 x 10.50-12		78	030141	Lock Stud (931019, 931026)	1
25	071106	Wheel W/Valve		79	060001	Setscrew, 3/8-16 x 1/2" (931019, 931026)	1
26	065114	Lug Nut	10	80	030150	Drive Shaft, (931022)	1
27	031618	Filter Union	1		030152	Drive Shaft, (931019, 931926)	1
28	031928	Filter, Oil	1	81	058066	Pin	2
29	030066	Wheel Stud	10	82	070060	Ribbed Neck Cap Screw, 5/16" x 7/8"	2
30	030063	Connector	1	83	030149	Coupling (931022)	1
31	030062	Connector, Male	1		030155	Coupling (931019, 931026)	1
32	031487	Spacer	2	84	065062	Nut, Nylon Lock, 5/16-18	1
33	030414	Spacer	2	86	056047	"O" Ring	1
34	030064	Hose, 5/8" x 7-5/8"	1	87	064057	Washer, 5/16"	2
35	062047	Carriage Bolt, 1/2-13 x 1-1/4", Gr. 5	5	88	030399	Shift Arm	1
36	065127	Locknut, 1/2-13	5	89	059140	Cap Screw, 5/16" x 1-1/2"	1
37	030396	Mount Bracket	1	90	067001	Pin, Cotter 3/32" x 3/4"	1
38	030399	Shift Arm	1	91	030400	Rod, Neutralizer	1
39	059175	Cap Screw, 3/8-16	4				

MAIN DRIVE

MODELS 931013, 931014,
931020 & 931021



MAIN DRIVE

MODELS 931013, 931014, 931020 & 931021

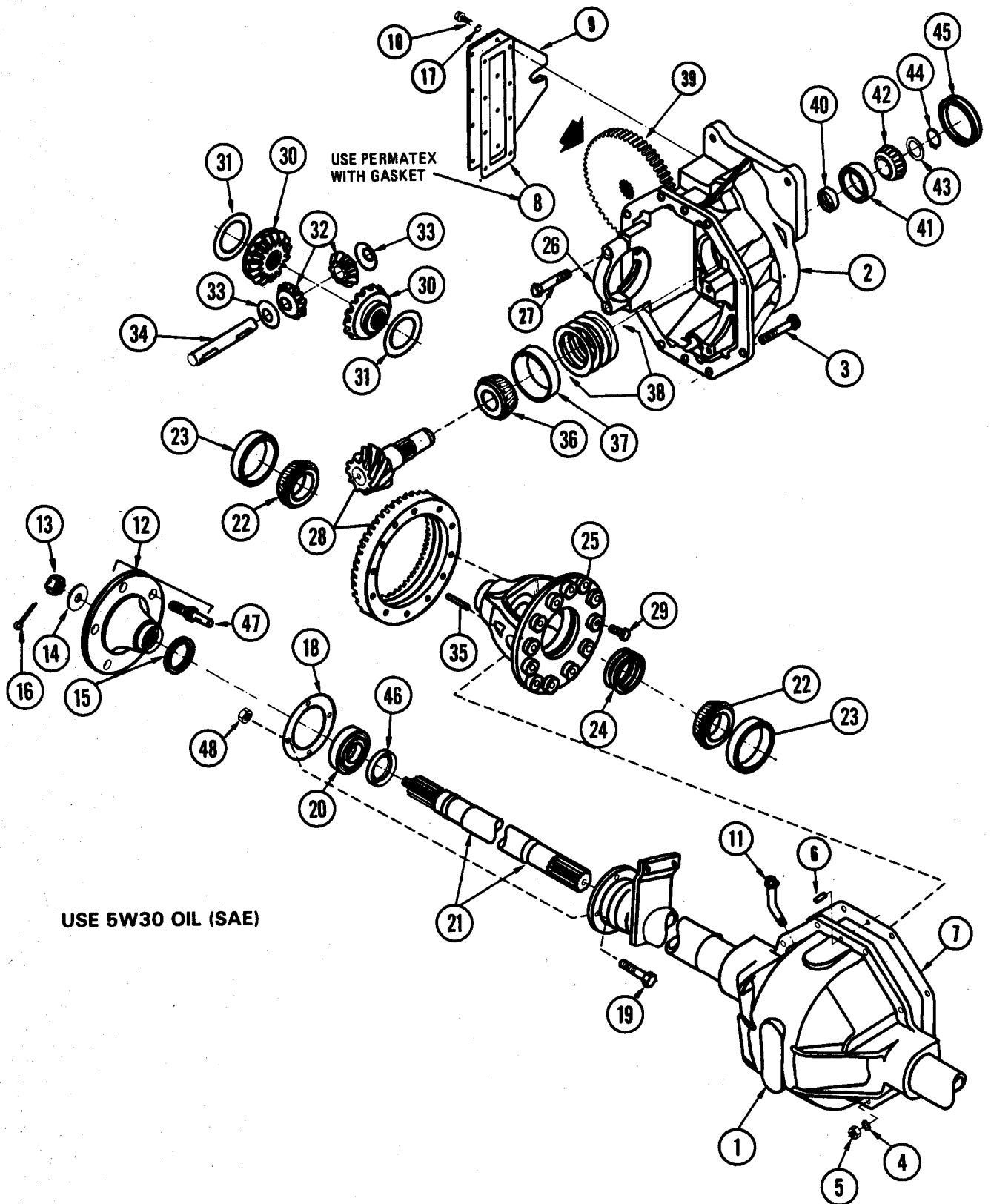
REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D	REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1		* TRANSAXLE	1	48	063003	LOCKWASHER, 5/16	3
2		* T-DRIVE HEAD ASSEMBLY	1	49	066030	KEY, Woodruff 1/4" x 1-1/8"	2
3	031771	BRACKET	1	51	066003	KEY, Woodruff No. 9	4
4	031821	STRAP	1	52	059151	CAP SCREW, 3/8-16 x 1-1/2" GR 5	4
5	031766	SUPPORT - L.H. Axle	1	53	065039	LOCKNUT	1
6	031685	SUPPORT - R.H. Axle	1	54	030066	LUG BOLT	10
7	631181	WHEEL HUB ASSEMBLY	2	55	059187	CAPSCREW	1
8	062028	BOLT, Carriage 3/8-16 x 1 Gr. 5	1	56	064003	WASHER	5
9	064043	WASHER	1	57	058009	ROLL PIN, 1/8 x 1	3
10	060032	SETSCREW	2	58	062010	CARRIAGE BOLT, 5/16 x 3/4	1
11	083168	SPRING EXT.	2	59	064007	WASHER, 1/4 Standard	2
12	030190	BRACKET	1	60	031949	BELT FINGER MOUNT	1
13	031958	ROD	1	62	064002	WASHER	4
14	031743	IDLER ARM	1	63	067024	COTTER PIN, 1/8 x 3/4	1
15	031755	BELT FINGER	4	64	062047	BOLT, Carriage 1/2-13 x 1-1/4 GR5	4
16	031735	BRACKET	1	65	065127	LOCKNUT, 1/2-13 GRC	4
17	031957	BELL CRANK	1	66	062015	BOLT, Carriage 5/16-18 x 1	1
18	031773	BELL CRANK	1	67	065042	LOCKNUT	9
19	031793	ROD	1	68	062016	BOLT, Carriage	1
20	031772	SHEAVE	1	69	063004	LOCKWASHER	2
21	031742	SHEAVE	1	70	065039	LOCKNUT, 3/16	3
22	031744	IDLER PIN	1	71	066014	KEY, Woodruff No. 61	1
23	631133	TIRE & WHEEL ASSEMBLY (931021)	2	72	067004	PIN COTTER, 5/32 x 1	1
	071119	TIRE, 23 x 10.50 x 12	2	73	064008	WASHER 3/8	1
	071106	WHEEL RIM W/Valve	2	74	065114	LUG NUT	10
23	631134	TIRE & WHEEL ASSEMBLY (931020)	2	75	067016	COTTER PIN	1
	071120	TIRE, 23 x 8.50 x 12	2	77	065061	JAM NUT	2
	071115	WHEEL RIM	2	78	003086	BALL JOINT	2
24	065018	NUT 3/8 - 16	1	79	063021	LOCKWASHER 3/8"	5
25	065001	JAM NUT	1	80	064164	WASHER, .805/.842 x 2 x 16 Ga.	1
26	059135	CAP SCREW, 5/16-18 x 3/4	1	81	065122	LOCKNUT, 3/8-16 GRC (QTY. 6 ON MODEL 931021)	7
27	072090	V-BELT, Matched Set	1				
28	073055	IDLER	1	83	531093	DRIVE SHAFT ASS'Y	1
29	065040	LOCKNUT	2	85	030153	ENGINE COUPLING	1
30	058066	PIN, GROOVE, 5/16 x 3/4	1	86	070060	RIBNECKED C.S. 5/16 X 7/8	2
31	030149	DRIVE SHAFT HUB	1	87	059048	CAPSCREW 3/8 - 16 X 7/8	4
32	030151	DRIVE SHAFT	1	88	075088	HUB CAP	2
33	030140	SPACER COUPLING	2	89	070031	FLANGE WHIZLOCK SCREW	2
34	059022	CAPSCREW, HH, 5/16-18 x 3/4	6	90	030149	DRIVE SHAFT HUB (931020)	1
35	064123	WASHER, Std. 5/16	8	90	030155	DRIVE SHAFT HUB (931021)	1
36	030139	LOCKING STUD	2	91	030139	LOCKING STUD (931020)	1
37	030142	DRIVE HUB	1	91	030141	LOCKING STUD(921021)	1
38	062010	BOLT, Carriage, 3/8-16 x 3/4	3	92	060001	SET SCREW (931021)	1
39	065059	LOCKNUT, 3/8	3	93	064002	WASHER, Flat 5/16"	8
40	059001	CAPSCREW	2	94	059022	CAP SCREW, HH. 5/16-18 x 3/4	8
41	059099	CAP SCREW HH 3/8-16 X 5/8 Grade 5	4	95	631148	DRIVE SHAFT ASSEMBLY, W/Roll Pin	1
42	065115	LOCKNUT	2	96	031952	SPACER COUPLING	2
43	083120	COMPRESSION SPRING	2	97	031978	DRIVE COUPLING	1
44	059068	CAP SCREW, 3/16-16 X 2	1	98	031953	COUPLING, Input	1
45	057012	SNAPPING EXTENSION	1				
46	065120	NUT, Hex Jam	2				
47	069094	J-Clamp	1				

*See Your Nearest Tecumseh Service Central For Repairs

Tec. Model No. 2335 Transaxle

Tec. Model No. 3179-P91 T-Drive Head Assy.

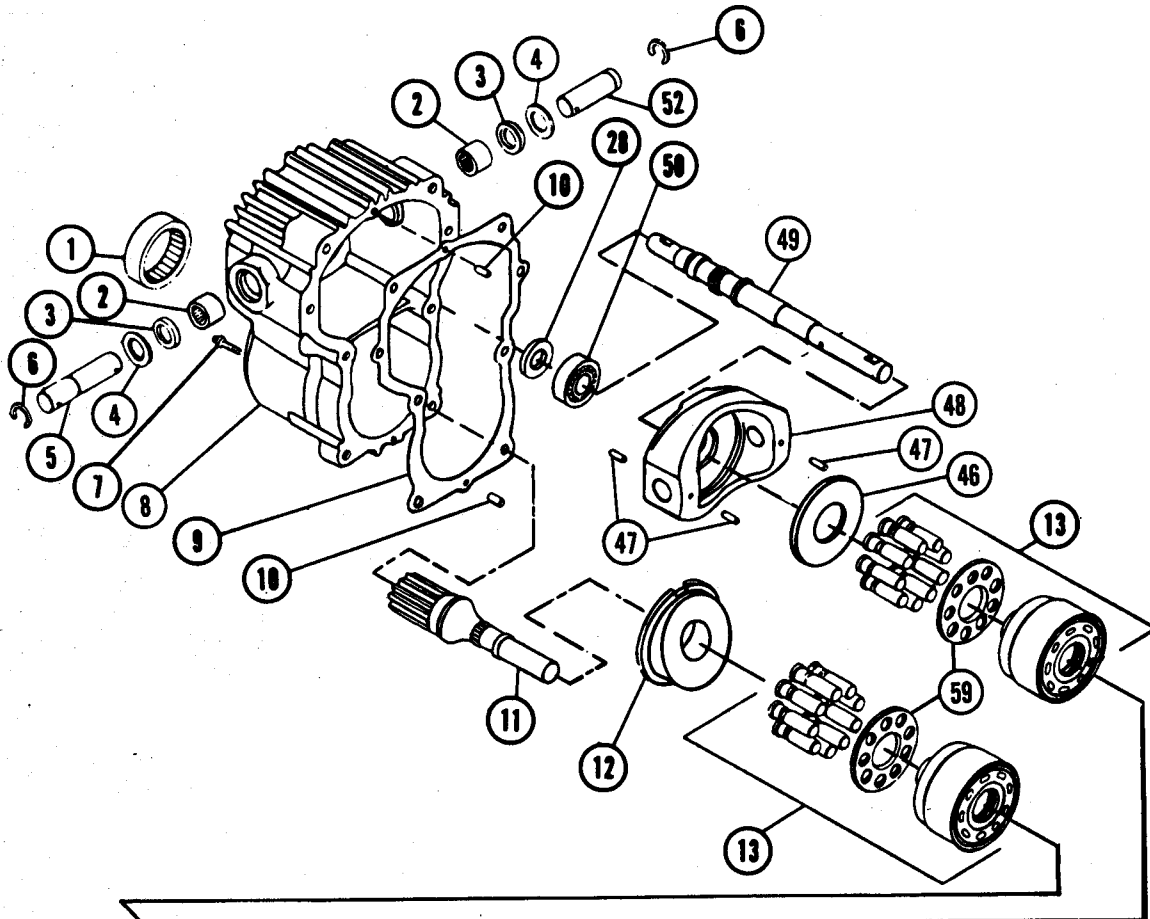
REAR AXLE MODELS 931019, 22, 23, 24, 25, & 26



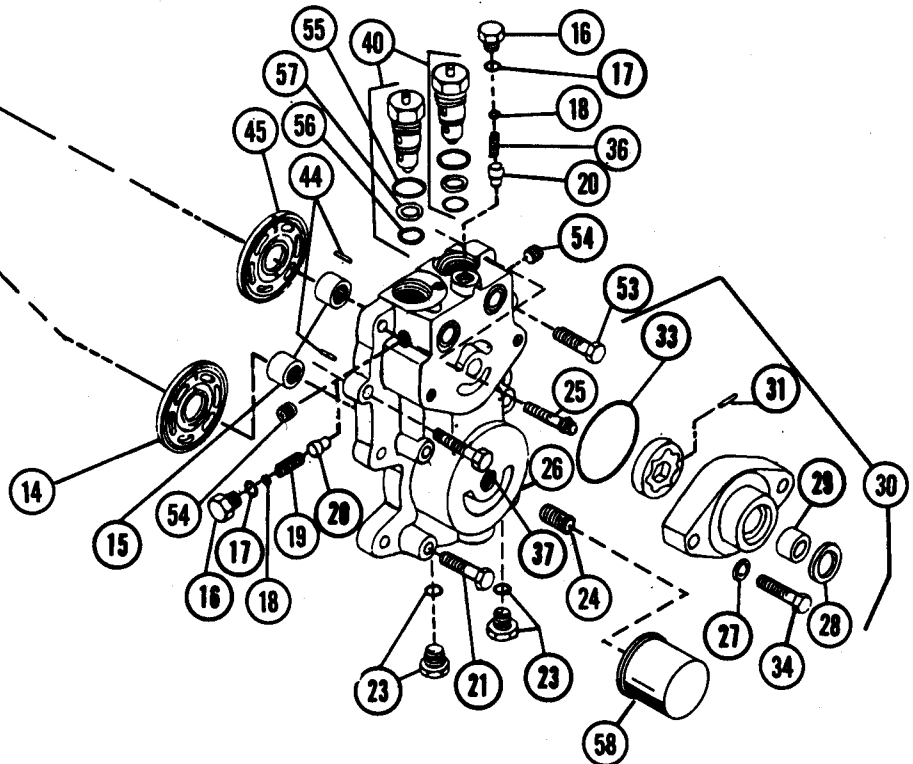
REAR AXLE MODELS 931019, 22, 23, 24, 25, & 26

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D	REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	031970	Rear Housing	1	30	031651	Side Gear	2
2	531052	Front Housing W/Bearing Cap	1	31	064154	Throw Washer	2
3	059181	Cap Screw, Hex Head, 5/16" x 1" Gr. 5	8	32	031652	Bevel Mate Gear	2
4	063018	Lockwasher, External Tooth, 5/16"	8	33	064155	Thrust Washer	2
5	065015	Hex Nut, 5/16"	8	34	031653	Pinion Mate Shaft	1
6	031637	Dowel Pin, 1/4" x 3/4"	2	35	031654	Lock Pin	1
7	031638	Housing Gasket	1	36	054132	Bearing Cone	1
8	031167	Gear Cover Gasket	1	37	054133	Bearing Cup	1
9	031100	Lock Pin Guide	1	38	031655	Rear Pinion Bearing Shim, .003	AR
10	074045	Self Tapping Screw, HH, No. 10 x 1/2"	8		031656	Rear Pinion Bearing Shim, .005	AR
11	031639	Vent Tube Assembly	1	39	031657	Spur Gear	1
12	631179	Wheel Hub W/Lug Bolts	2	40	031658	Front Pinion Bearing Spacer	1
13	065118	Nut, 7/8-14	2	41	054134	Bearing Cup	1
14	064163	Special Washer	2	42	054135	Bearing Cone	1
15	031641	Felt Seal	2	43	531049	Shim Kit (Consists of the following)	
16	067005	Cotter Pin, 5/32" x 1-1/2"	2		031659	Front Pinion Bearing Shim, .031	AR
17	063024	Lockwasher, External #12	8		031660	Front Pinion Bearing Shim, .033	AR
18	031642	Wheel Bearing Gasket	2		031661	Front Pinion Bearing Shim, .035	AR
19	059193	Cap Screw, 5/16-24 x 1-1/4", Gr. 8	8		031662	Front Pinion Bearing Shim, .037	AR
20	054129	Bearing and Cone Assembly	2		031663	Front Pinion Bearing Shim, .039	AR
21	031643	Axle Shaft - Left Hand	1		031664	Front Pinion Bearing Shim, .041	AR
	031644	Axle Shaft - Right Hand	1		031665	Front Pinion Bearing Shim, .043	AR
22	054130	Bearing Cone	2		031666	Front Pinion Bearing Shim, .045	AR
23	054131	Bearing Cup	2		031667	Front Pinion Bearing Shim, .047	AR
24	031645	Differential Bearing Adjusting Shim, .003	AR		031668	Front Pinion Bearing Shim, .049	AR
	031646	Differential Bearing Adjusting Shim, .005	AR		031669	Front Pinion Bearing Shim, .051	AR
	031647	Differential Bearing Adjusting Shim, .010	AR		031670	Front Pinion Bearing Shim, .053	AR
	031648	Differential Bearing Adjusting Shim, .030	AR		031671	Front Pinion Bearing Shim, .055	AR
25	031649	Differential Case	1		031672	Front Pinion Bearing Shim, .057	AR
26	N.A.	Bearing Cap (This Cap is bolted to Ref. No. 2 and then machined as a matched Assembly)	2	44	057026	Retaining Ring	1
				45	031673	Cup Plug	1
27	059126	Hex Head Cap Screw, 7/16" x 2"	4	46	056093	Oil Seal	2
28	531050	Ring and Pinion Gear Set	1	47	030066	Wheel Lug Bolt	10
29	070043	Special Bolt	10	48	065136	Whizlock, 5/16-24, Gr. C	8

SUNSTRAND TRANSMISSION MODELS 931019, 22, 23, 24, 25, & 26



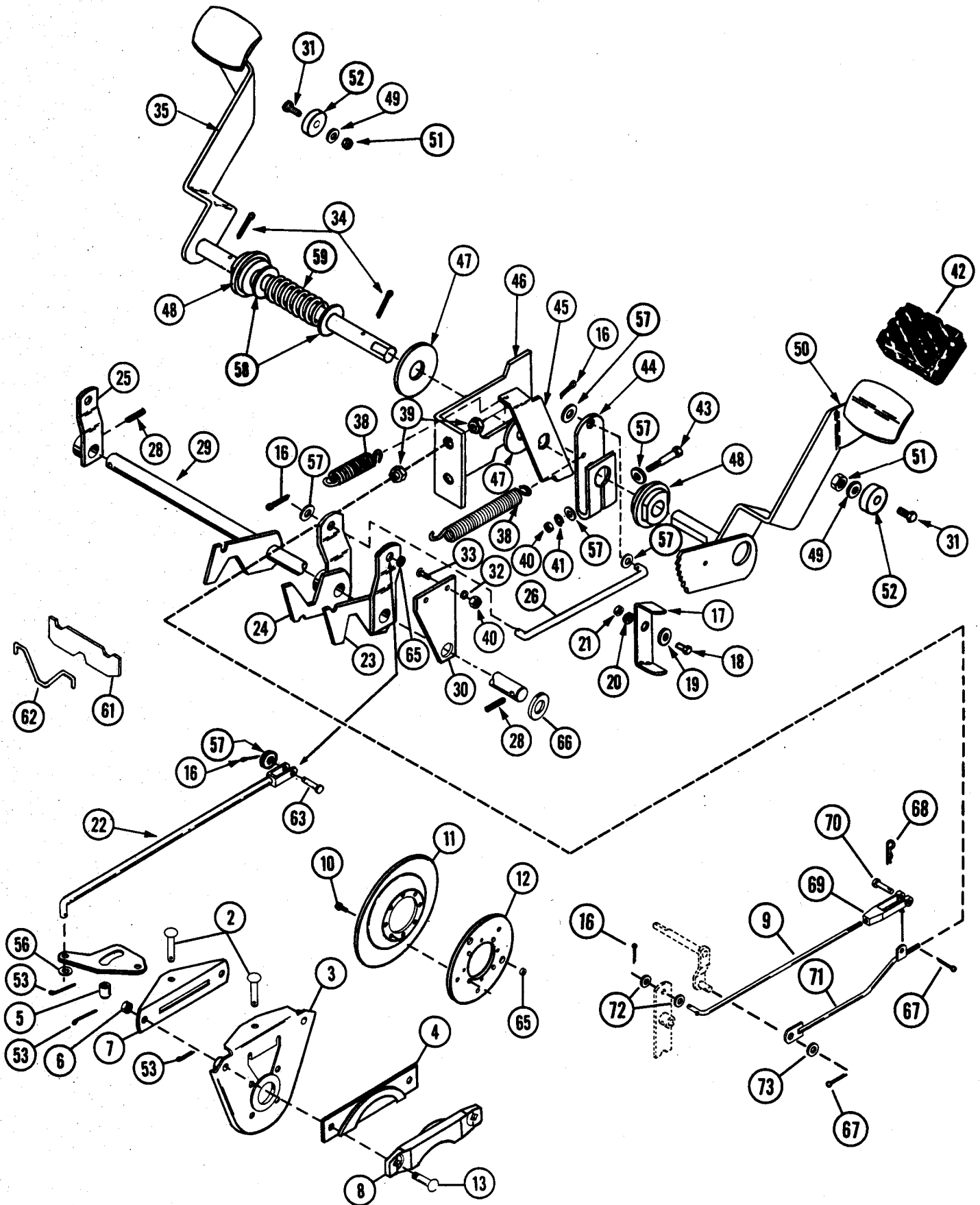
USE 5W-30 OIL (SAE)



SUNSTRAND TRANSMISSION MODELS 931019, 22, 23, 24, 25 & 26

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D	REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	054128	Roller Bearing	1	28	056091	Lip Seal	2
2	054126	Needle Bearing	2	29	054054	Needle Bearing	1
3	056089	Lip Seal	2	30	531111	Chg. Pump Housing	1
4	064157	Washer, .699" ID x 1.375" OD x .059"	2	31	031631	Pin, Dowell	1
5	031615	Trunnion Shaft	1	33	056092	"O" Ring	1
6	057069	Retaining Ring	2	34	059179	Cap Screw, 12 Pt., 3/8-16 x 1-1/4", Gr. 5	2
7	059180	Cap Screw, 12 Pt.	2	36	083159	Relief Valve Spring	1
8	031624	Housing	1	37	059133	Cap Screw, Hex Hd., 3/8-16 x 1-1/4", Gr.5	1
9	031629	Gasket	1	40	531076	Check Valve Assembly	2
10	031632	Pin, Dowell	2	44	031633	Pin, Headless Star	2
11	031623	Motor Shaft	1	45	031628	Pump Valve Plate	1
12	031622	Swash Plate	1	46	031627	Thrust Plate	1
13	531035	Cylinder Block Kit	2	47	058062	Coiled Spring Pin	3
14	031621	Motor Valve Plate	1	48	031626	Var. Swash Plate	1
15	054127	Needle Roller Bearing	2	49	030138	Pump Shaft	1
16	031611	Hex Head Plug	2	50	054071	Ball Bearing	1
17	056088	"O" Ring	2	52	031614	Trunnion Shaft	1
18	031613	Shim Pack	AR	53	059151	Cap Screw, Hex Hd., 3/8-16 x 1-1/2", Gr.5	1
19	083157	Relief Valve Spring	1	54	031630	Pipe Plug	2
20	031609	Relief Valve Cone	2	55	056096	"O" Ring	2
21	059147	Hex Head Cap Screw, 3/8-16 x 2", Gr. 5	4	56	056097	"O" Ring	2
23	031608	Threaded Plug	2	57	056098	Back Up Ring	2
24	031618	Filter Union	1	58	031928	Filter	1
25	059126	Hex Head Cap Screw	2	59	030205	Slipper Retainer	2
26	031619	Center Section	1				
27	064153	Flat Washer, 15/32" ID x 25/32" OD x .095/.120"	2				

REAR BRAKE & NEUTRALIZER ASSEMBLY **MODELS 931019, 22, 23, 24, 25 & 26)**



REAR BRAKE & NEUTRALIZER ASSEMBLY

MODELS 931019, 22, 23, 24, 25, & 26)

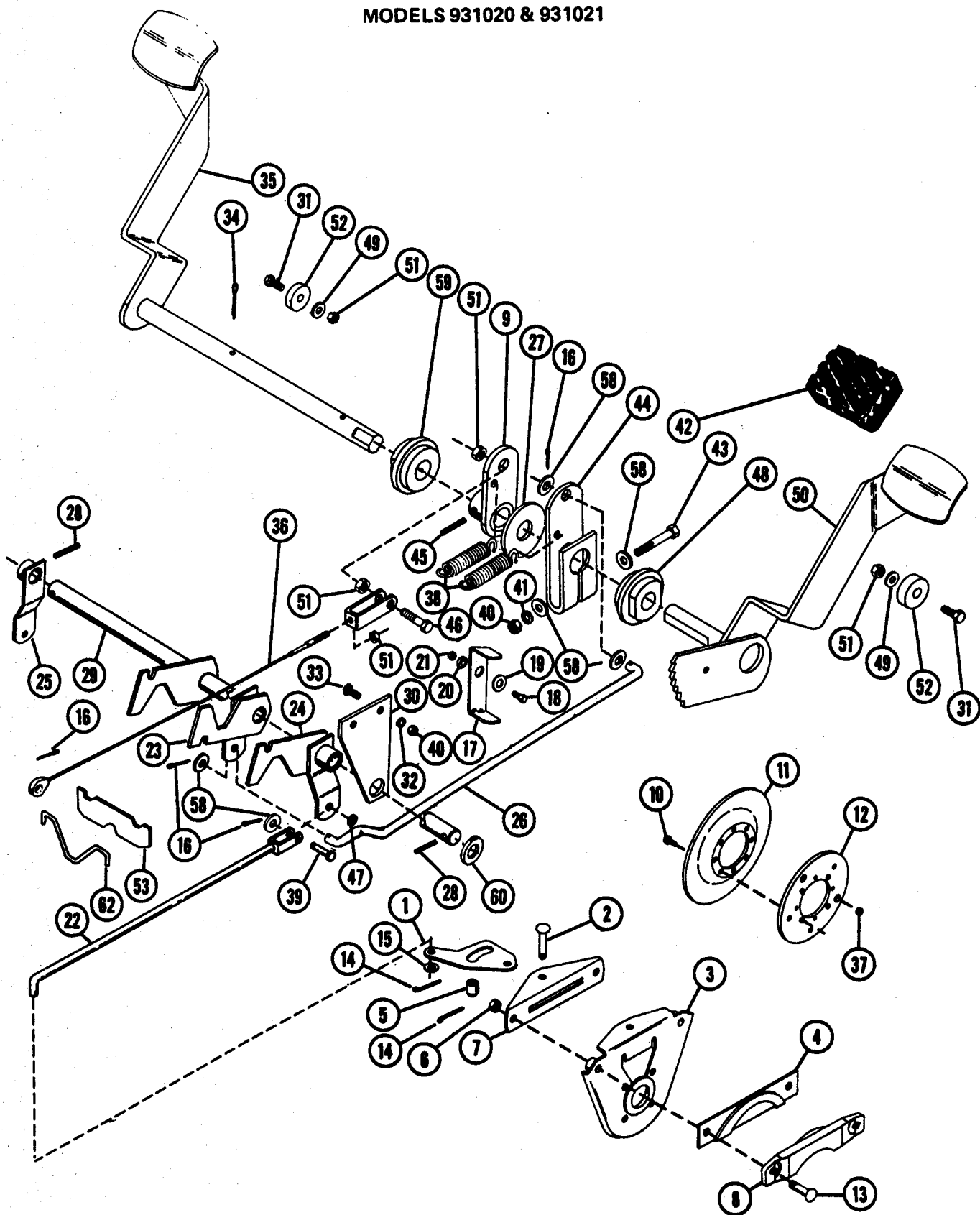
REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D	REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	030072	Input Arm	2	35	030133	L.H. Pedal	1
2	030074	Pin	4	37	075065	Grommet	1
3	030067	Caliper Mounting Plate	2	38	083122	Spring	2
4	030068	Friction Plate	2	39	065046	Locknut, Hex 1/2"	2
5	030073	Roller	2	40	065018	Nut, Hex 3/8"	5
6	065135	Locknut, 3/8-16	4	41	063021	Lockwasher, 3/8"	1
6	030075	Pressure Plate	2	42	075051	Pedal Pad	2
8	030069	Caliper Plate	2	43	059030	Cap Screw, HH 3/8" x 2-1/4"	1
9	030400	Rod, Neutralizer	1	44	031505	Arm, Brake	1
	*031576	Rod Shift	1	45	031503	Neutralizer Arm	1
10	070015	Flange Whizlock Screw	4	46	031502	Neutralizer Plate	1
11	030071	Disc	2	47	064042	Washer, Special	2
12	030070	Carrier	2	48	055095	Bushing	2
13	062059	Carriage Bolt, 3/8-16 x 3-1/2", Gr. 5	4	49	064002	Washer, 5/16"	2
16	067001	Pin, Cotter 1/8" x 3/4"	6	50	030132	R.H. Pedal	1
17	031507	Brake Latch	1	51	065042	Locknut, Hex 5/16"	2
18	059001	Cap Screw, HH, 1/4" x 3/4"	1	52	025135	Spacer	2
19	064127	Washer, Special, 9/32" ID. x 5/8" OD x 16 Ga.	1	53	067001	Pin, Cotter 3/32" x 3/4"	6
20	011091	Spacer, Bushing	1	56	064057	Washer, 5/16"	3
21	065040	Locknut, Hex, 1/4"	1	57	064043	Washer, Flat 3/8"	7
22	031935	Brake Rod	2	58	064048	Washer, .755" ID x 1.375" OD x .062"	2
23	031939	Brake Arm	1	59	083055	Spring	1
24	031940	Arm	1	61	031936	Bal. Link	1
25	031938	Brake Arm	1	62	031937	Clip	1
26	031508	Brake Rod	1	63	013303	Clevis Pin, 3/8" Dia. x 1-1/8"	2
28	058040	Pin, Drive 1/4" x 1-1/4"	2	65	075055	Grommet	6
29	031941	Brake Shaft	1	66	064062	Washer, 49/64" ID x 1.125" OD x .062"	AR
30	031509	Plate	2	67	067004	Cotter Pin, 1/8" x 1"	2
31	059034	Cap Screw, HH 5/16" x 7/8"	2	68	067020	Hair Pin, 3/32" x 1-7/8"	1
32	063004	Lockwasher, 3/8"	4	69	*030402	Yoke	1
33	062013	Bolt, Carriage 3/8" x 1"	4	70	*031302	Clevis Pin	1
34	067006	Pin, Cotter 3/16" x 1-1/4"	2	71	*030401	Shift Rod	1
				72	*064057	Washer, 5/16"	2
				73	*064003	Washer, 1/2"	1

* USED ON THE FOLLOWING MODELS

Models	Serial Number
931019	005500 and up
931022	002500 and up
931025	000600 and up
931026	001000 and up

REAR BRAKE & CLUTCH ASSEMBLY

MODELS 931020 & 931021



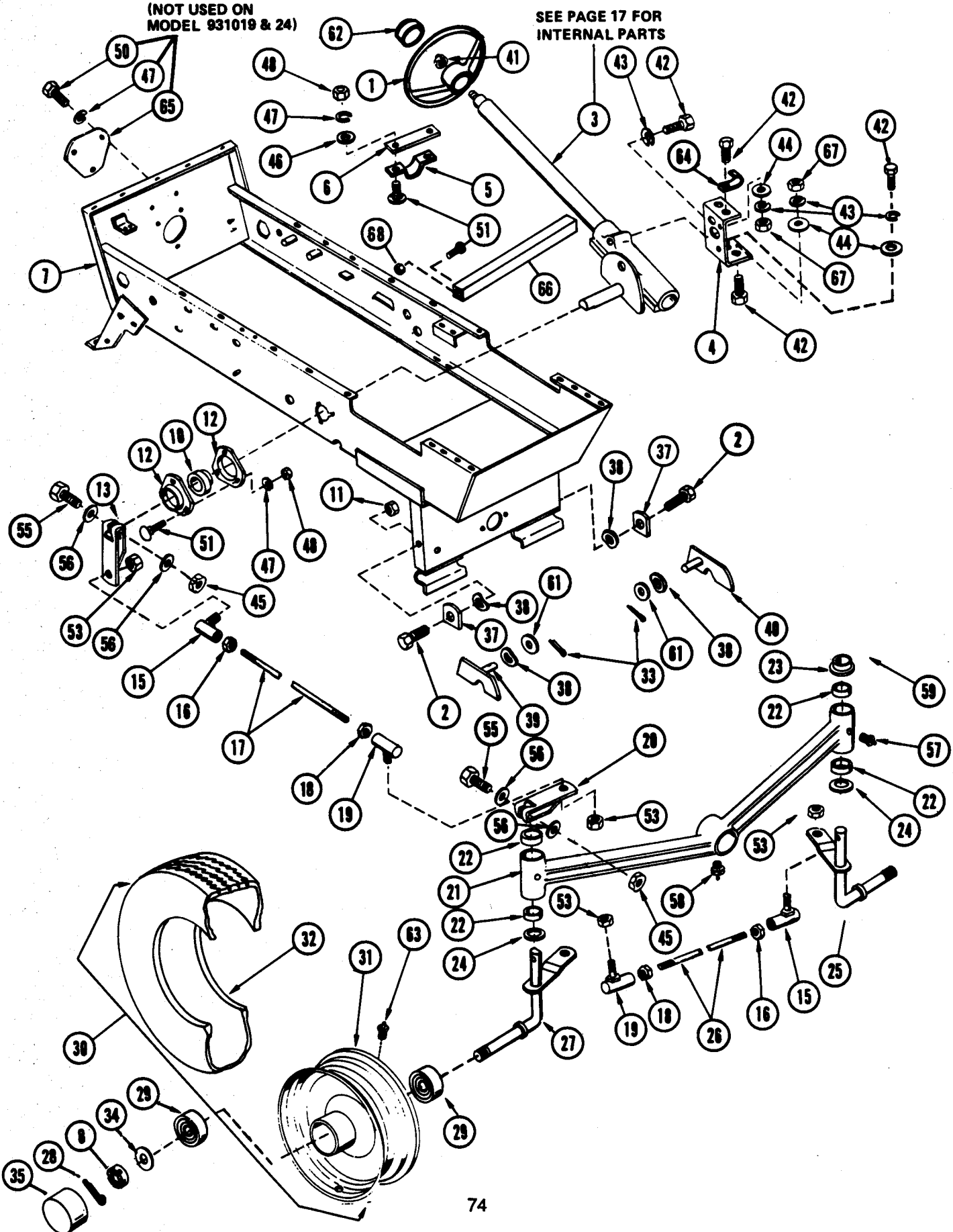
REAR BRAKE & CLUTCH ASSEMBLY

MODELS 931020 & 931021

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D		REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D	
			931021	931020				931021	931020
1	030072	INPUT ARM	2	2	34	067006	PIN, Cotter 3/16" x 1-1/4"	2	2
2	030074	PIN	2	2	35	030165	L. H. PEDAL, Model 931020		1
3	030067	CALIPER MOUNTING PLATE	2	2		030166	L. H. PEDAL, Model 931021	1	
4	030068	FRICTION PLATE	2	2	36	069113	CLUTCH CABLE	1	1
5	030073	ROLLER	2	2	37	075055	GROMMET	6	6
6	065135	LOCKNUT	4	4	38	083122	SPRING	2	2
7	030075	PRESSURE PLATE	2	2	39	013303	CLEVIS PIN	2	2
8	030069	CALIPER PLATE	2	2	40	065018	NUT, Hex 3/8"	5	5
9	031763	CLUTCH ARM	1	1	41	063021	LOCKWASHER, 3/8"	1	1
10	070015	FLANGE WHIZLOCK SCREW	8	8	42	075051	PEDAL PAD	2	2
11	030071	DISC	2	2	43	059030	CAP SCREW, HH 3/8" x 2-1/4"	1	1
12	030070	CARRIER	2	2	44	031505	ARM, Brake	1	1
13	062059	CARRIAGE BOLT, GR 5	4	4	45	058003	ROLL PIN	1	1
14	067001	COTTER PIN, 3/32 x 3/4	6	6	46	059140	CAP SCREW, 5/16-18 x 1 1/2	1	1
15	064057	WASHER, 3/8 Std.	2	2	47	075055	GROMMET	2	2
16	067024	PIN, Cotter 1/8" x 3/4"	5	5	48	055095	BUSHING	1	1
17	031507	BRAKE LATCH	1	1	49	064002	WASHER, 5/16"	2	2
18	059001	CAP SCREW, HH, 1/4" x 3/4"	1	1	50	030132	R.H. PEDAL	1	1
19	064127	WASHER, Special	1	1	51	065042	LOCKNUT, Hex 5/16"	5	5
20	011091	SPACER, Bushing	1	1	52	025135	SPACER	2	2
21	065040	LOCKNUT, Hex, 1/4"	1	1	53	031936	BAL. LINK	1	1
22	031935	ROD	2	2	58	064043	WASHER	7	7
23	031939	ARM	1	1	59	055095	BUSHING	1	1
24	031940	ARM	1	1	60	064062	WASHER	AR	AR
25	031938	BRAKE ARM	1	1	62	031937	CLIP	1	1
26	031808	BRAKE ROD	1	1					
27	064048	WASHER, Flat 3/8"	1	1					
28	058040	PIN, Drive 1/4" x 1-1/4"	2	2					
29	031941	BRAKE SHAFT	1	1					
30	031509	PLATE	2	2					
31	059034	CAPSCREW, HH 5/16 x 7/8	2	2					
32	063004	LOCKWASHER, 3/8"	4	4					
33	062013	BOLT, Carriage 3/8" x 1"	4	4					

FRAME, STEERING, FRONT WHEEL

MODELS 931019, 931020, 931021, 931022, 931023, 931024, 931025 & 931026

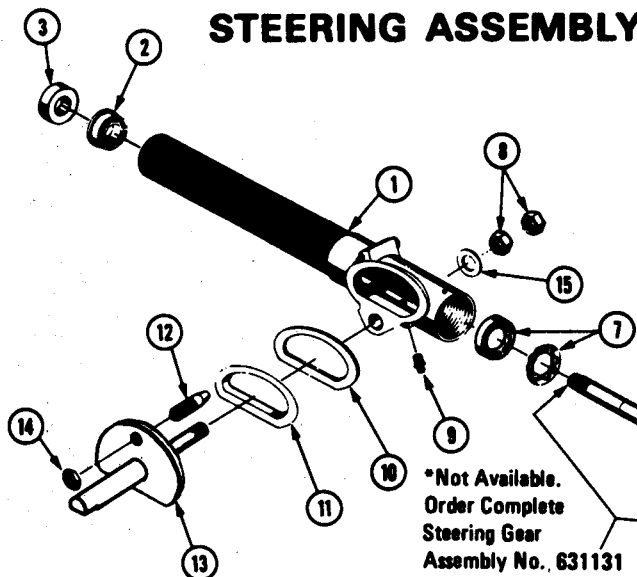


FRAME, STEERING, FRONT WHEEL

MODELS 931019, 931020, 931021, 931022, 931023, 930124, 931025 & 931026

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D	REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	031084	STEERING WHEEL	1	33	067024	PIN, cotter 1/8 x 3/4	2
2	059004	CAP SCREW, HH, 3/8 - 16 x 1	2	34	064185	WASHER, SPECIAL	2
3	631173	STEERING GEAR ASS'Y	1	35	075089	HUB CAP	2
4	030120	BRACKET, Mounting	1	37	029013	LOCK STOP	2
5	031038	CLAMP	1	38	029024	WASHER, Spring	4
6	031049	PAD	1	39	029014	LATCH R.H.	1
7	531131	FRAME (For Model 931022, 931023, 931024)	1	40	029015	LATCH L.H.	1
	531128	FRAME (for Model 931019)	1	41	065117	NUT, Hex Jam, 5/8"	1
	531129	FRAME - MODEL 931020	1	42	059145	CAP SCREW, HH, 3/8 x 1" GR.5	8
	531130	FRAME - MODEL 931021	1	43	063021	LOCKWASHER, 3/8"	8
8	065131	NUT, Hex	2	44	064008	WASHER, Flat, 3/8"	5
10	054101	BALL BEARING	1	45	065127	NUT, Hex, 1/2" GR. C	2
11	065039	LOCKNUT, 3/8"	2	46	064002	WASHER, Flat, 5/16"	2
12	031020	BEARING FLANGE	2	47	063003	LOCKWASHER, 5/16"	8
13	030130	STEERING ARM	1	48	065015	NUT, Hex, 5/16"	5
15	031130	BALL JOINT, L.H.	2	50	059022	CAP SCREW, HH, 5/16 x 3/4	3
16	065105	NUT, Hex Jam 1/2" - 20 UNF (L.H.)	2	51	062015	BOLT, Carriage, 5/16 x 1"	5
17	031929	DRAG LINK	1	53	065121	LOCKNUT 1/2-20 UNF	4
18	065044	NUT, Hex Jam 1/2 - 20 UNF (R.H.)	2	55	059144	CAP SCREW, HH, 1/2 - 13 GR.5	2
19	031129	BALL JOINT, R.H.	2	56	064138	WASHER, Flat, 1/2"	4
20	030131	STEERING ARM	1	57	022093	ZERK FITTING	2
21	531011	FRONT AXLE W/BUSHING, ZERKS	1	58	031121	ZERK FITTING, 90°	1
22	055091	BUSHING	4	59	058037	ROLL PIN, 1/4 x 1-3/4	1
23	030088	SPINDLE COLLER, L.H.	1	61	064043	WASHER	2
24	075067	WASHER, 1-1/32 ID x 1-3/4 OD. x .060 Thick	2	62	031083	CAP	1
25	030046	SPINDLE	1	63	010353	ZERK FITTING	2
26	031169	ROD, 18-1/2" Long	1	64	069094	CLAMP	1
27	030047	SPINDLE, R.H.	1	65	031031	COVER	1
28	067006	COTTER PIN	2	66	031734	BRACE (931020,21)	1
29	054121	RADIAL BEARING	4	67	065018	NUT	4
30	631132	FRONT WHEEL ASS'Y - Consists of	2	68	065042	LOCKNUT (931020,21)	3
31		071110 RIM	1				
32		071021 TIRE	1				

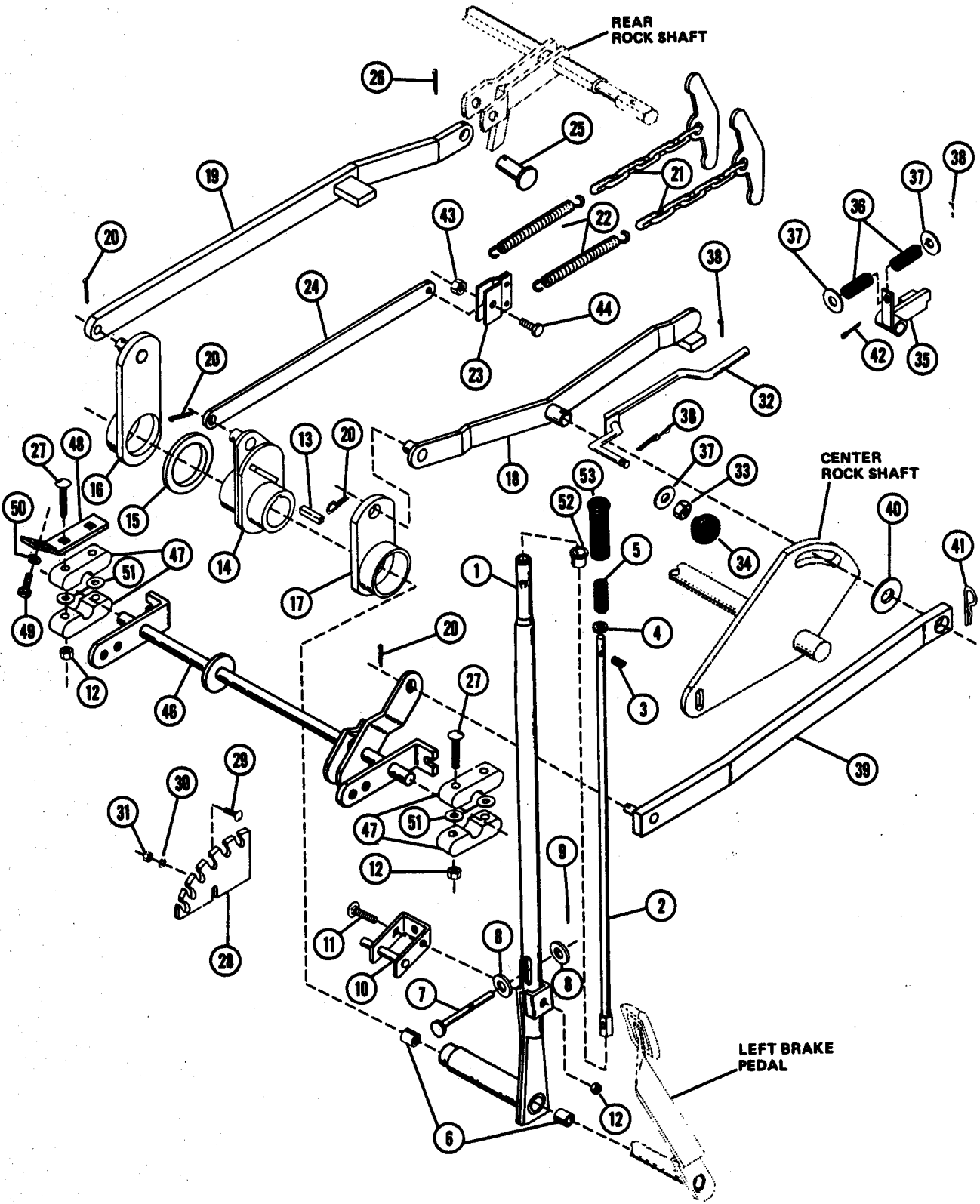
STEERING ASSEMBLY



*Not Available.
Order Complete
Steering Gear
Assembly No. 631131

1	031694	HOUSING & TUBE ASSEMBLY	1
2	065099	BUSHING	1
3	075078	DUST COVER	1
4	067018	COTTER PIN, 1/8" x 1/2"	1
5	031695	PLUG, Adjusting	1
6	064159	WASHER, Special	1
7	531042	BEARING KIT	2
8	065016	NUT, Hex Jam, 3/4"	2
9	031696	LUBE FITTING, 1/4" Straight	1
10	031699	SEAL	1
11	031698	RETAINER, Seal	1
12	031697	STUD, Lever	1
13	030040	LEVER & SHAFT	1
14	065119	NUT, Hex Jam, 9/16"	1
15	064158	WASHER, Special	1

MODELS 931011, 931014 & 931020 MANUAL LIFT & LINKAGE ASSEMBLY

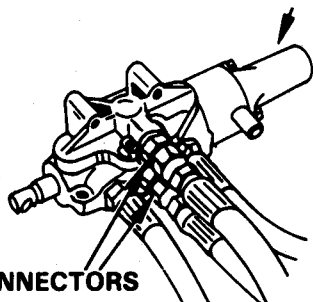


MODELS 931011, 931014 & 931020 MANUAL LIFT & LINKAGE ASSEMBLY

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D	REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	031759	LIFT HANDLE	1	28	031764	QUADRANT	1
2	031760	PLUNGER	1	29	062010	BOLT, Carriage 3/8-16 x 3/4	2
3	058034	PIN, Roll 1/8" x 3/4"	1	30	063021	LOCKWASHER	2
4	064096	WASHER, Special	1	31	065018	NUT	2
5	083104	SPRING	1	32	030181	LATCH ROD (931021)	1
6	055057	BUSHING SLEEVE	2	32	031748	LATCH ROD (931011,14)	1
7	031775	PIN	1	33	065001	NUT, Jam	1
8	064127	WASHER	2	34	075052	KNOB	1
9	067003	COTTER PIN	1	35	031747	LATCH	1
10	031761	LATCH	1	36	083105	COMPRESSION SPRING	2
11	062050	CARRIAGE BOLT, 3/8-16 x 2-3/4	1	37	064043	WASHER	3
12	065039	LOCKNUT	5	38	067024	COTTER PIN	3
13	066022	KEY, Straight	1	39	031015	FRONT ROCK SHAFT, Connector Link	1
14	031745	ARM	1	40	064009	WASHER	1
15	064160	WASHER, Special	1	41	067029	PIN, Hair Cotter	1
16	031757	ARM	1	42	067006	COTTER PIN	1
17	031758	ARM	1	43	065042	LOCKNUT, 5/16-18	1
18	031746	CENTER LIFT LINK	1	44	059022	CAP SCREW, 5/16-18 x 3/4	1
19	031729	REAR LIFT LINK	1	46	531005	FRONT ROCK SHAFT	1
20	067026	COTTER PIN	4	47	029011	BLOCK	4
21	031017	CHAIN	2	48	031014	BRACE	1
22	083107	SPRING	2	49	059134	CAP SCREW, 5/16-18 x 1-1/4 Gr. 5	1
23	031753	SPRING CLIP	1	50	063003	LOCKWASHER	1
24	031813	STRAP	1	51	064115	SHIM, .005 Thick	4
25	031051	CLEVIS PIN	1	52	055021	FLANGED BUSHING	1
26	067004	COTTER PIN	1	53	075053	GRIP	1
27	062005	CARRIAGE BOLT 3/8 x 2-1/4	4				

HYDRAULIC SYSTEM MODELS 931019, 22, 23, 24, 25 & 26

VALVE — EARLY STYLE
TRACTOR & LIFT
HYDRAULIC CONTROLS
(VALVE 31170)

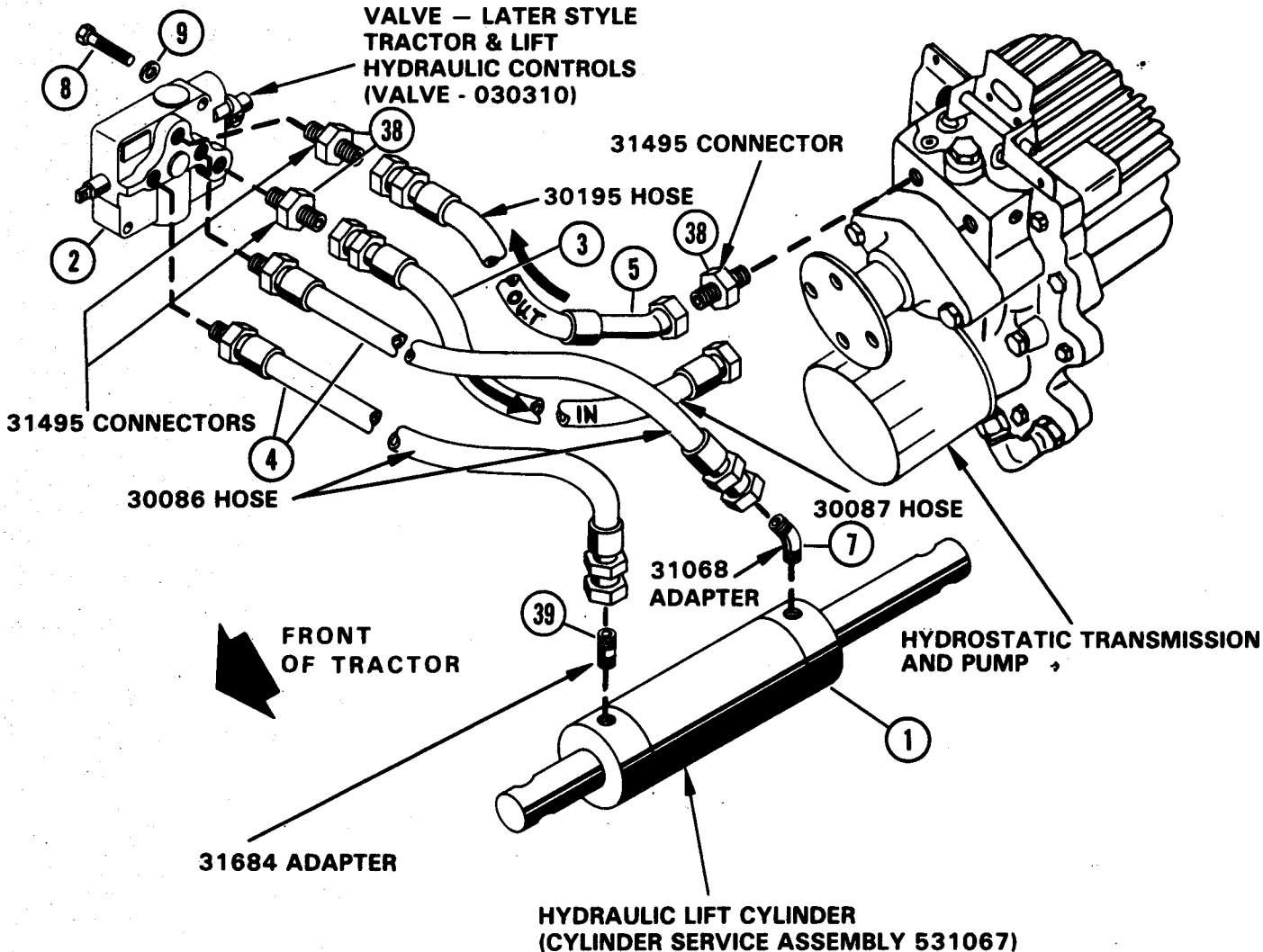


31495 CONNECTORS

VALVE — LATER STYLE
TRACTOR & LIFT
HYDRAULIC CONTROLS
(VALVE - 030310)

31495 CONNECTOR

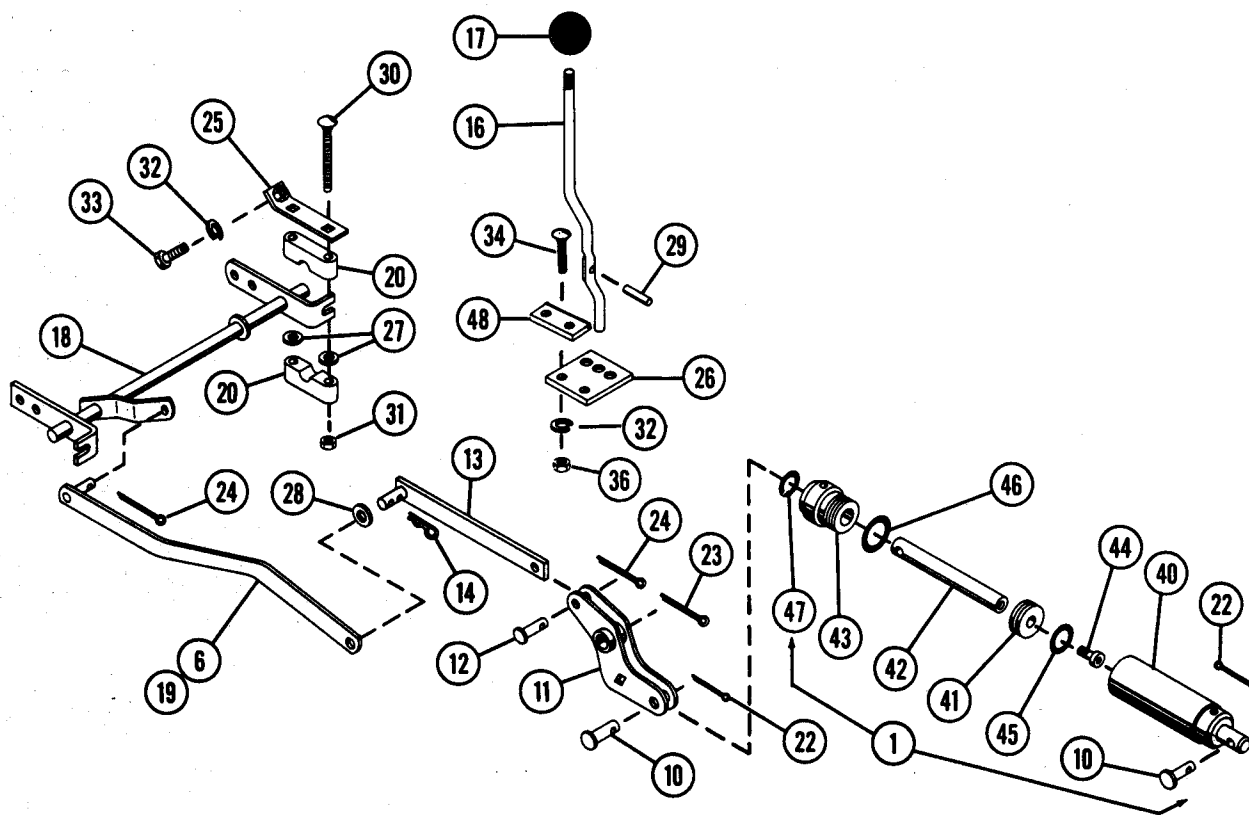
30195 HOSE



NOTE: SEE PARTS LIST
ON PAGE 27

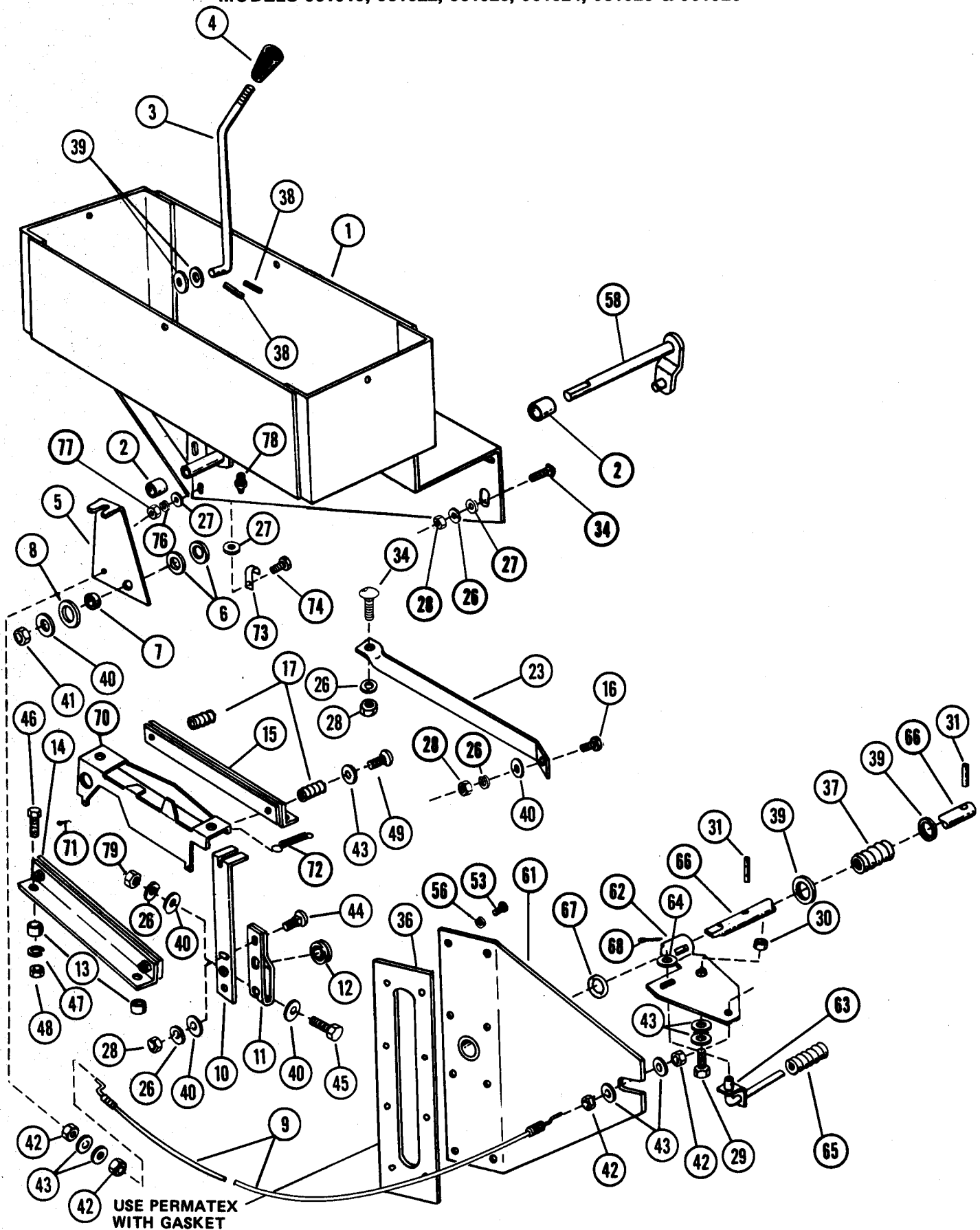
HYDRAULIC LIFT AND FRONT ROCK SHAFT

MODELS 931019, 22, 23, 24, 25 & 26



REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D	REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	531067	Cylinder Ass'y	1	25	031014	Brace	1
*2	031170	Valve (Early Style)	1	26	030403	Bracket	1
2	030310	Valve (Later Style)	1	27	064115	Shim, 005 Thick	4
3	030087	Hose, 17-5/8" Long, Valve to Reservoir	1	28	064009	Washer, Flat, 3/4"	1
4	030086	Hose, 26-1/4" Long, Valve to Cylinder	2	29	058053	Groove Pin, 1/4" x 3/4"	1
5	030195	Hose, 17-5/8" Long, Valve to Pump	1	30	062005	Bolt, Carriage, 3/8" x 2-1/4"	4
6	030122	Connector, Link (931019, 931026)	1	31	065039	Locknut, Hex, 3/8"	4
7	031068	Adaptor, 1/4" to 9/16", 45°	1	32	063003	Lockwasher, 5/16"	3
8	059050	Cap Screw, HH, 1/4" x 1-1/2"	2	33	059134	Cap Screw, HH, 5/16" x 1-1/4" Gr. 5	1
9	064127	Washer, Flat, 1/4"	2	34	062048	Carriage Bolt, 5/16-18 x 1-1/4"	2
10	031051	Pin, Clevis	2	35	064002	Washer, Flat 5/16"	2
11	031063	Bell Crank	1	36	065015	Nut, Hex, 5/16"	2
12	068061	Pin	1	38	031495	Connector	1
13	031500	Link	1	39	031684	Adaptor	1
14	067029	Hairpin Cotter	1	40	030292	Cylinder Body	1
15	063002	Lockwasher, 1/4"	2	41	030289	Piston	1
16	031189	Control Rod	1	42	030290	Piston Rod	1
17	075052	Knob	1	43	030291	Rod Cap	1
18	531005	Front Rockshaft	1	44	059115	Cap Screw	1
19	031015	Connector Link (931022, 23, 24, 25)	1	45	056102	"O" Ring	1
20	029011	Bearing Block	4	46	056101	"O" Ring	1
21	065032	Nut, Hex, 1/4"	2	47	056100	"O" Ring	1
22	067004	Pin, Cotter, 1/8" x 1"	2	48	030394	Strap	1
23	067006	Pin, Cotter, 3/16" x 1-1/4"	1				
24	067026	Pin, Cotter, 3/16" x 1"	2				
					*531041	Section Repair Kit Available	
					*531057	Spool Repair Kit Available	

HYDROSTATIC CONTROLS AND CONSOLE **MODELS 931019, 931022, 931023, 931024, 931025 & 931026**



**USE PERMATEX
WITH GASKET**

HYDROSTATIC CONTROLS AND CONSOLE
MODELS 931019, 931022, 931023, 931024, 931025 & 931026

USED IN THE FOLLOWING MODELS

MODEL SERIAL NUMBER

931019 000101 to 005500

931022 000101 to 002500

931023 000101 and up

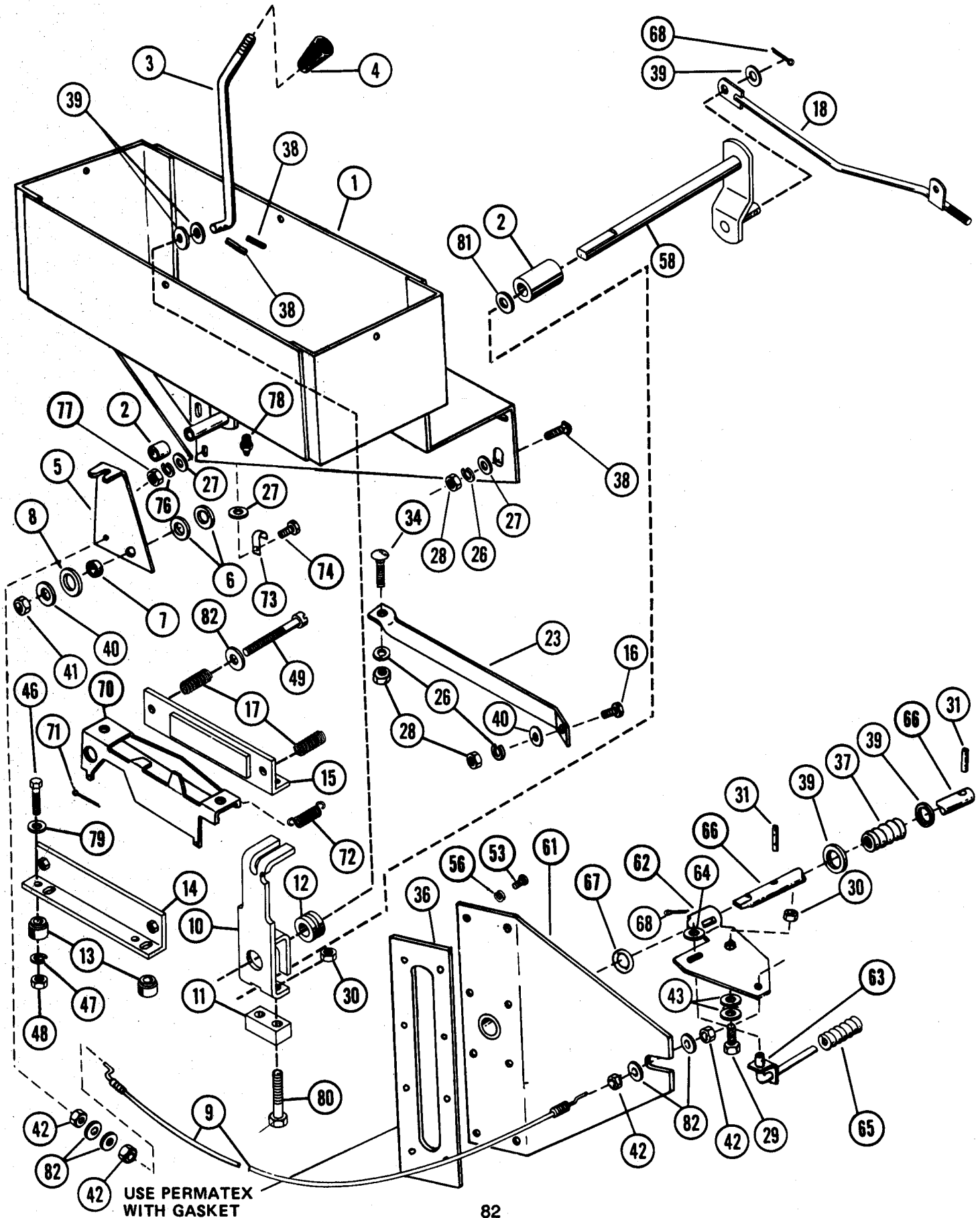
931024 000101 and up

931025 000101 to 000600

931026 000101 to 001000

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D	REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	031160	Control Box	1	40	064043	Washer, Flat, 3/8"	5
2	055024	Bushing	2	41	065039	Locknut, Hex, 3/8"	1
3	031064	Shift Rod	1	42	065100	Nut, Hex Jam, 5/16"	4
4	075049	Handle	1	43	064123	Washer, Flat, 5/16"	8
5	031258	Arm	1	44	062029	Bolt, Carriage, 3/8 x 1	1
6	064028	Washer, Spacer	2	45	059152	Cap Screw, HH, 3/8 x 2 1/2 Fr. 5	1
7	055089	Bushing	1	46	059069	Cap Screw, HH, 5/16 x 1 1/4" Gr. 5	2
8	031162	Washer, Special	1	47	063003	Lockwasher, 5/16"	2
9	069100	Cable, 24-7/8" Long	1	48	065015	Nut, Hex, 5/16"	2
10	031261	Arm	1	49	061044	Screw, Machine Fillister Hd. 5/16 x 2 1/2	2
11	031260	Clevis	1	53	074045	Tapping Screw	8
12	075066	Grommet	1	56	063024	Lockwasher	8
13	031127	Spacer	2	58	031575	Shift Shaft	1
14	031567	R.H. Friction Angle	1	61	031100	Lock Pin Guide	1
15	031566	L.H. Friction Angle	1	62	031099	Pivot Plate	1
16	059023	Cap Screw, HH, 3/8" x 3/4"	1	63	031098	Pin	1
17	083125	Spring, 1 1/2" Long	2	64	064128	Washer, Special	1
23	031024	Brace	1	65	083121	Spring	1
26	063021	Lockwasher, 3/8"	6	66	031097	Pin	1
27	064008	Washer, Flat, 3/8"	4	67	056075	"O" Ring	1
28	065018	Nut, Hex, 3/8"	6	68	067024	Pin, Cotter, 1/8 x 3/4	1
29	059135	Cap Screw, 5/16-18 x 3/4 Gr. 5	1	70	031724	Shift Lock	1
30	065124	Locknut, Hex, 5/16	1	71	067034	Cotter Pin	2
31	058003	Roll Pin, 3/16 x 1 1/4	2	72	083149	Spring	1
34	062013	Carriage Bolt	3	73	069110	Clamp	1
36	031167	Gasket	1	74	059004	Screw	1
37	083120	Spring	1	76	063021	Lockwasher	1
38	058005	Pin, Spring 3/16 x 7/8	2	77	065018	Nut	1
39	064003	Washer, Flat, 1/2"	4	78	010353	Zerk Fitting	1
				79	065122	Nut, Gr. C	1

HYDROSTATIC CONTROLS AND CONSOLE MODELS 931019, 22, 25 & 26



HYDROSTATIC CONTROLS AND CONSOLE

MODELS 931019, 22, 25 & 26

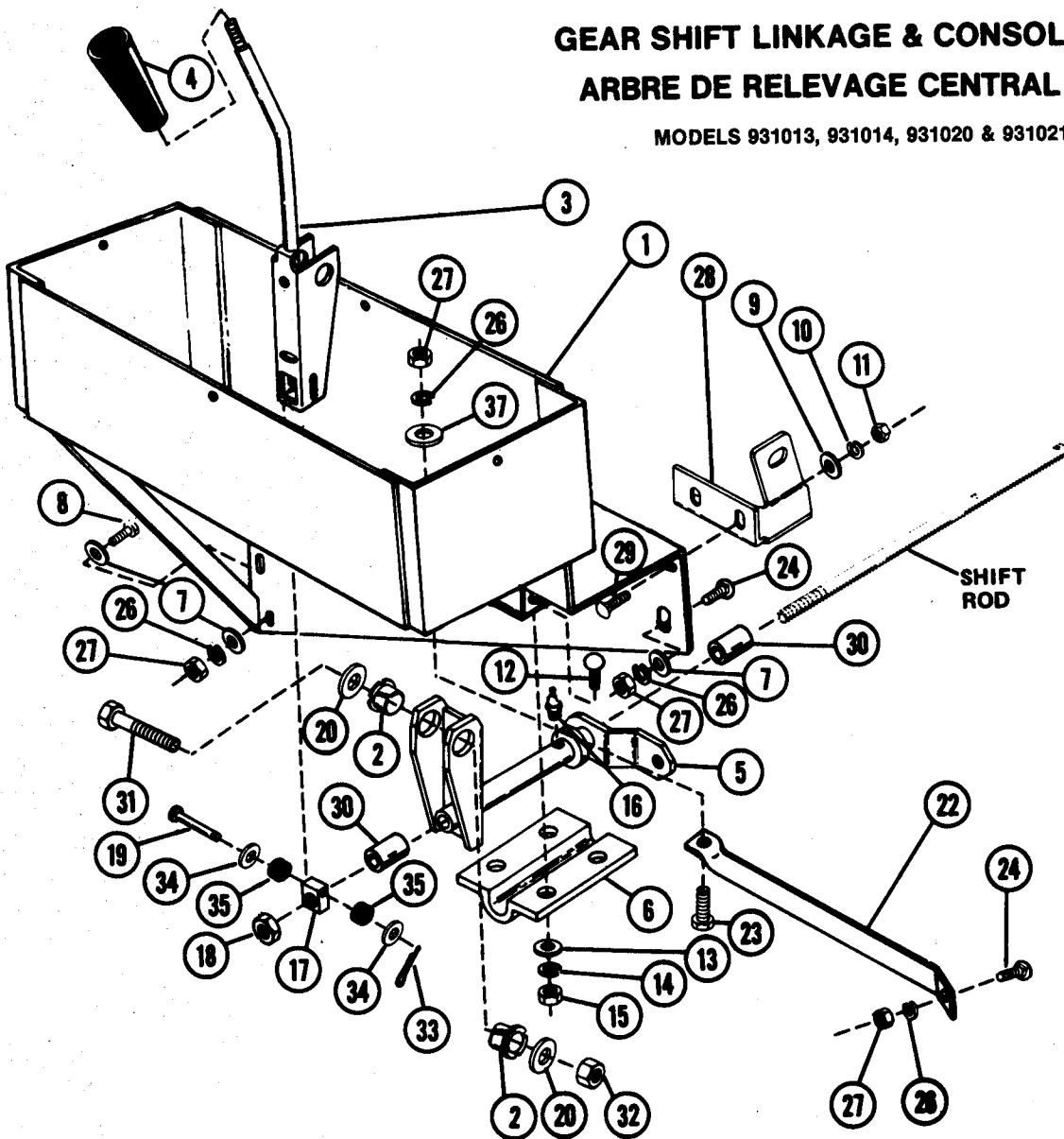
USED ON THE FOLLOWING MODELS

Model No.	Serial No.
931019	005500 and up
931022	002500 and up
931025	000600 and up
931026	001000 and up

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D	REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	030373	Control Box	1	41	065039	Locknut, Hex, 3/8"	1
2	055024	Bushing	2	42	065100	Nut, Hex Jam, 5/16"	4
3	030390	Shift Rod	1	43	064123	Washer, Flat, 5/16"	2
4	075049	Handle	1	44	062029	Bolt, Carriage, 3/8" x 1"	1
5	031258	Arm	1	45	059152	Cap Screw, HH, 3/8" x 2-1/2" Gr. 5	1
6	064028	Washer, Spacer, 7/16" ID x 1-1/8" OD x 3/16"	2	46	059069	Cap Screw, HH, 5/16" x 1-1/4", Gr. 5	2
7	055089	Bushing	1	47	063003	Lockwasher, 5/16"	2
8	031162	Washer, Special	1	48	065015	Nut, Hex, 5/16"	2
9	069100	Cable, 24-7/8" Long	1	49	061064	Screw, Machine Fillister Hd. 5/16" x 2-3/4"	2
10	030392	Lever	1	53	074045	Tapping Screw	8
11	030394	Strap	1	56	063024	Lockwasher	8
12	075066	Grommet	1	58	030391	Shift Shaft	1
13	030395	Spacer	2	61	031100	Lock Pin Guide	1
14	030393	R.H. Friction Angle	1	62	031099	Pivot Plate	1
15	031566	L.H. Friction Angle	1	63	031098	Pin	1
16	059023	Cap Screw, HH, 3/8" x 3/4"	1	64	064128	Washer, Special, 11/32" ID x 1-3/8" OD x 14 Ga.	1
17	083125	Spring, 1-1/2" Long	2	65	083121	Spring	1
18	030401	Shift Rod	1	66	031097	Pin	1
23	031024	Brace	1	67	056075	"O" Ring	1
26	063021	Lockwasher, 3/8"	5	68	067004	Pin, Cotter, 1/8" x 1"	1
27	064008	Washer, Flat, 3/8"	4	70	031724	Shift Lock	1
28	065018	Nut, Hex, 3/8"	5	71	067034	Cotter Pin, 3/32" x 1/2"	2
29	059135	Cap Screw, 5/16-18 x 3/4" Gr. 5	1	72	083149	Spring	1
30	065124	Locknut, Hex, 5/16"	3	73	069110	Clamp	1
31	058003	Roll Pin, 3/16" x 1-1/4"	2	74	059004	Screw, 3/8-16 x 1"	1
34	062013	Carriage Bolt, 3/8-16 x 1"	3	76	063021	Lockwasher, 3/8" SAE, Std. Regular	1
36	031167	Gasket	1	77	065018	Nut, 3/8-16	1
37	083120	Spring	1	78	010353	Zerk Fitting	1
38	058005	Pin, Spring 3/16" x 7/8"	2	79	064057	Washer, 21/64" ID x .625 OD x .062	2
39	064003	Washer, Flat, 1/2"	5	80	059140	Capscrew, 5/16-18 x 2"	2
40	064043	Washer, Flat, 3/8"	2	81	064039	Washer, .630 ID x 1.005 OD x .062	1
				82	064057	Washer	6

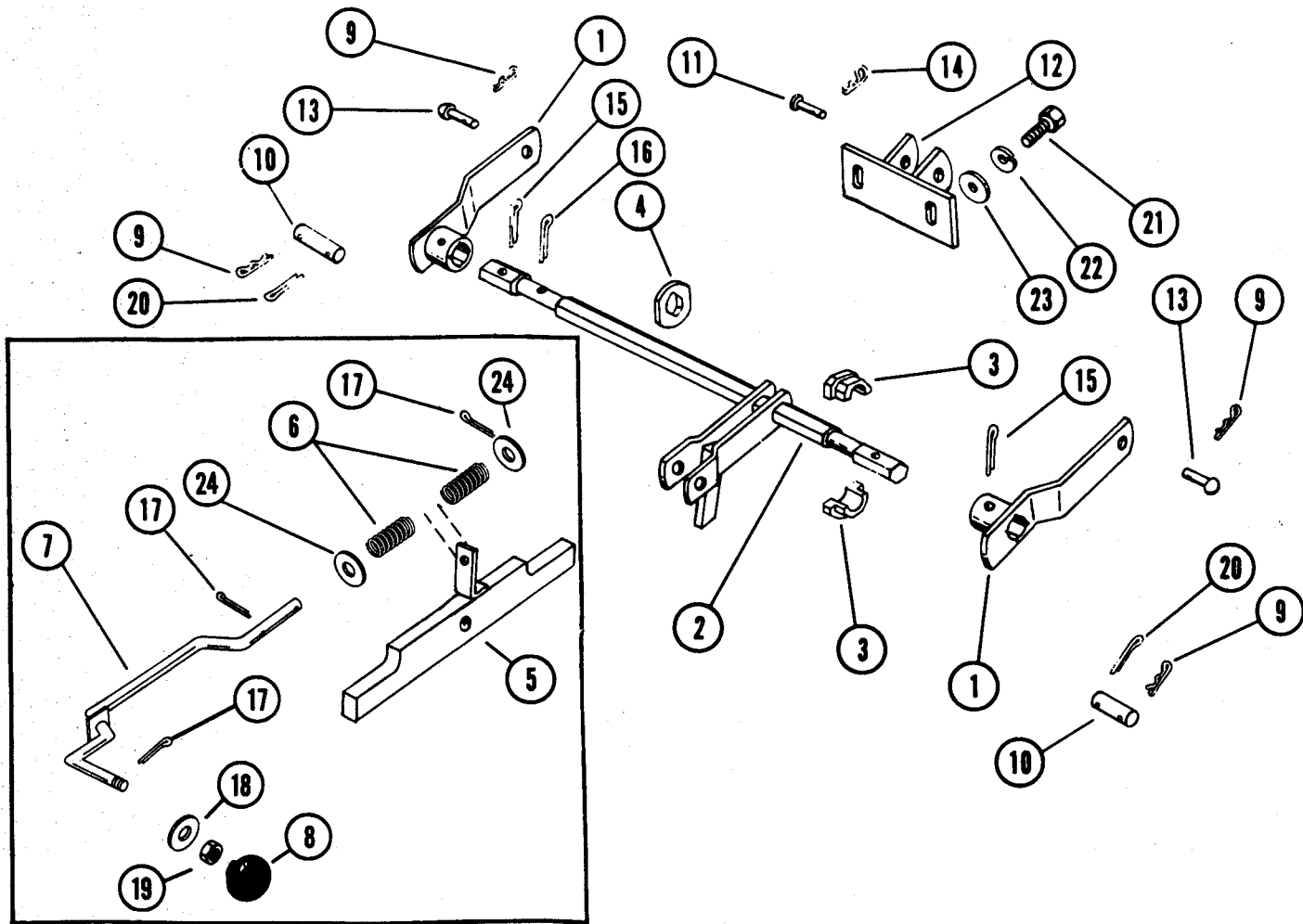
GEAR SHIFT LINKAGE & CONSOLE ARBRE DE RELEVAGE CENTRAL

MODELS 931013, 931014, 931020 & 931021



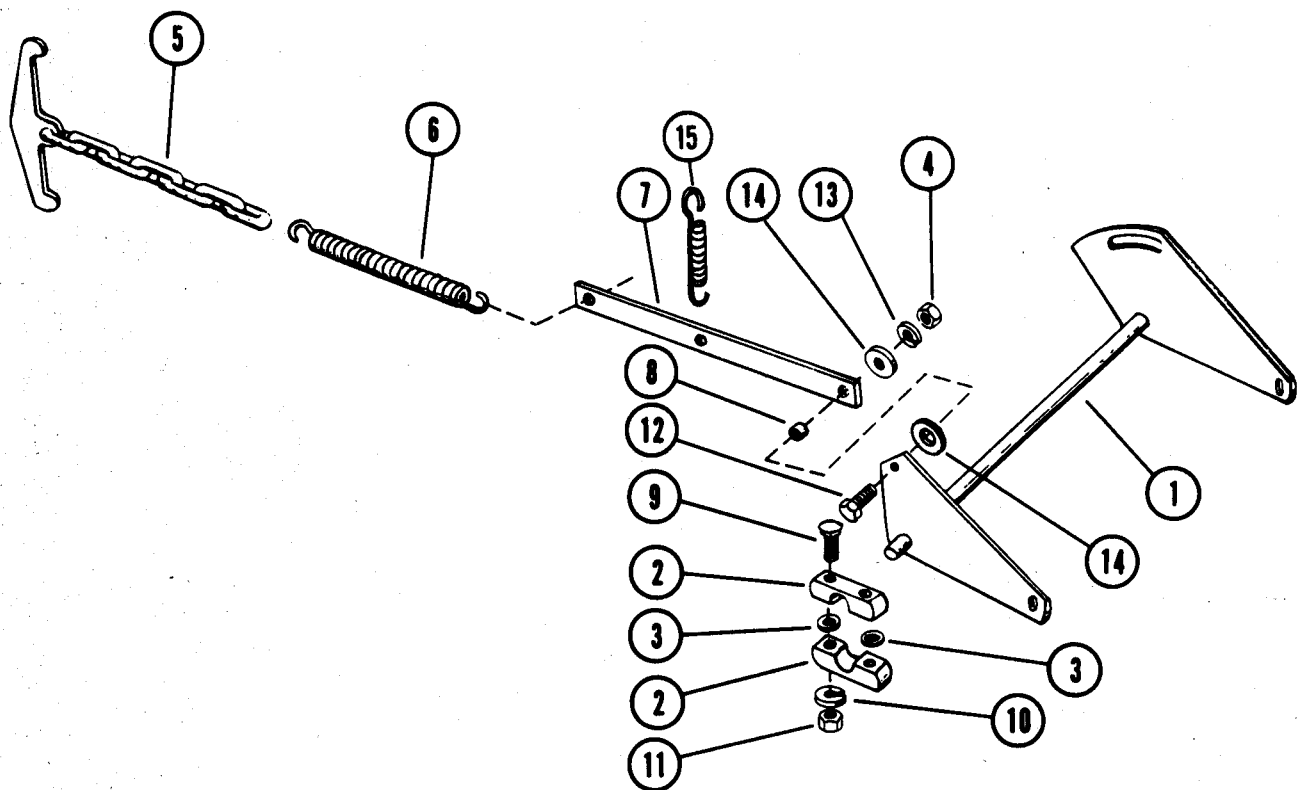
REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D	REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	031736	CONTROL BOX	1	19	031960	SHAFT PIN	1
2	055101	BUSHING FLANGE	2	20	064121	WASHER	2
3	031955	SHIFT HANDLE	1	22	031024	BRACE	1
4	075049	HANDLE	1	23	059023	CAP SCREW, 3/8-16 x 3/4	1
5	631121	SHIFT LEVER	1	24	062013	BOLT, Carriage, 3/8-16 x 1	3
6	031737	SHIFT SUPPORT	1	25	064008	WASHER, 3/8	2
7	064008	WASHER	4	26	063021	LOCKWASHER	5
8	059004	CAPSCREW, 3/8-16 x 1"	1	27	065018	NUT	5
9	064002	WASHER, 5/16	2	28	031765	SWITCH BRACKET	1
10	063003	LOCKWASHER	2	29	062011	BOLT, Carriage, 5/16-18 x 3/4	2
11	065015	NUT	2	30	055100	SLEEVE BUSHING	2
12	062017	BOLT, Carriage 1/4-20 x 5/8	4	31	059185	CAPSCREW	1
13	064007	WASHER 1/4 Standard	4	32	065019	LOCKNUT	1
14	063002	LOCKWASHER 1/4	4	33	067001	COTTER PIN	1
15	065032	NUT 1/4-20	4	34	064037	WASHER	2
16	022093	ZERK FITTING	1	35	075044	GROMMET	2
17	031967	ADJUSTING BLOCK	1	37	064043	WASHER	1
18	065046	LOCKNUT	1				

REAR ROCK SHAFT MODELS 931019, 22, 23, 24, 25 & 26



REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D	REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	031534	Arm	2	13	068055	Rivet, Drilled	2
2	031497	Shaft	1	14	067029	Hairpin Cotter, Internal, .094	2
3	055085	Bearing, Rockshaft	4	15	067025	Pin, Cotter, 3/16" x 2"	2
4	031693	Washer, 1-1/32" Hex	1	16	067012	Pin, Cotter, 3/16" x 1-1/2"	1
5	031498	Latch	1	17	067024	Pin, Cotter, 1/8" x 3/4"	3
6	083105	Spring	2	18	064200	Washer, Flat, 3/8"	3
7	030175	Latch Rod	1	19	065001	Nut, Hex, Jam, 3/8"	1
8	075052	Knob	1	20	067004	Pin, Cotter, 1/8" x 1"	2
9	067022	Hairpin Cotter, Internal, .148 x 2-3/4"	4	21	059023	Cap Screw, HH, 3/8" x 3/4"	2
10	031012	Pin	2	22	063021	Lockwasher, 3/8"	2
11	031008	Pin, Clevis	1	23	064008	Washer, Flat, 3/8"	2
12	031007	Bracket	1	24	064043	Washer	2

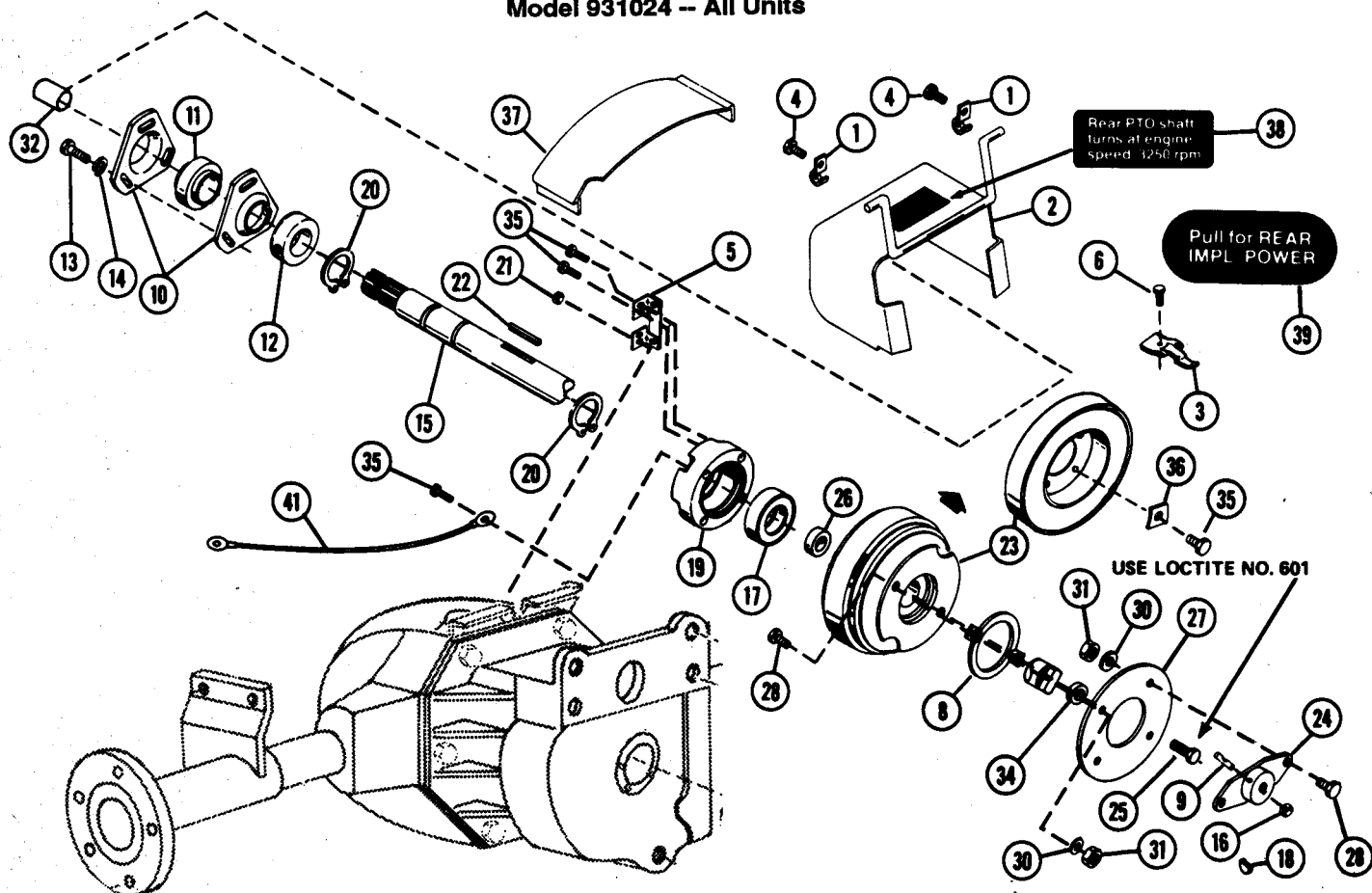
CENTER ROCK SHAFT MODELS 931019, 22, 23, 24, 25 & 26



REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	031050	Center Rockshaft	1
2	029011	Bearing Block	4
3	064115	Shim, .005 Thick	4
4	065032	Nut, Hex 1/4"	1
5	031017	Chain, 11 Links	1
6	083107	Spring	1
7	031181	Link, 9-1/2" Long	1
8	031021	Spacer	1
9	062005	Bolt, Carriage, 3/8" x 2-1/4"	4
10	063021	Lockwasher, 3/8"	4
11	065018	Nut, Hex, 3/8"	4
12	059132	Cap Screw, HH, 1/4" x 1"	1
13	063002	Lockwasher, 1/4"	1
14	064127	Washer, Flat, 1/4"	2
15	083149	Spring	1

REAR PTO

Model 931019-00101 to 004317
Model 931024 -- All Units

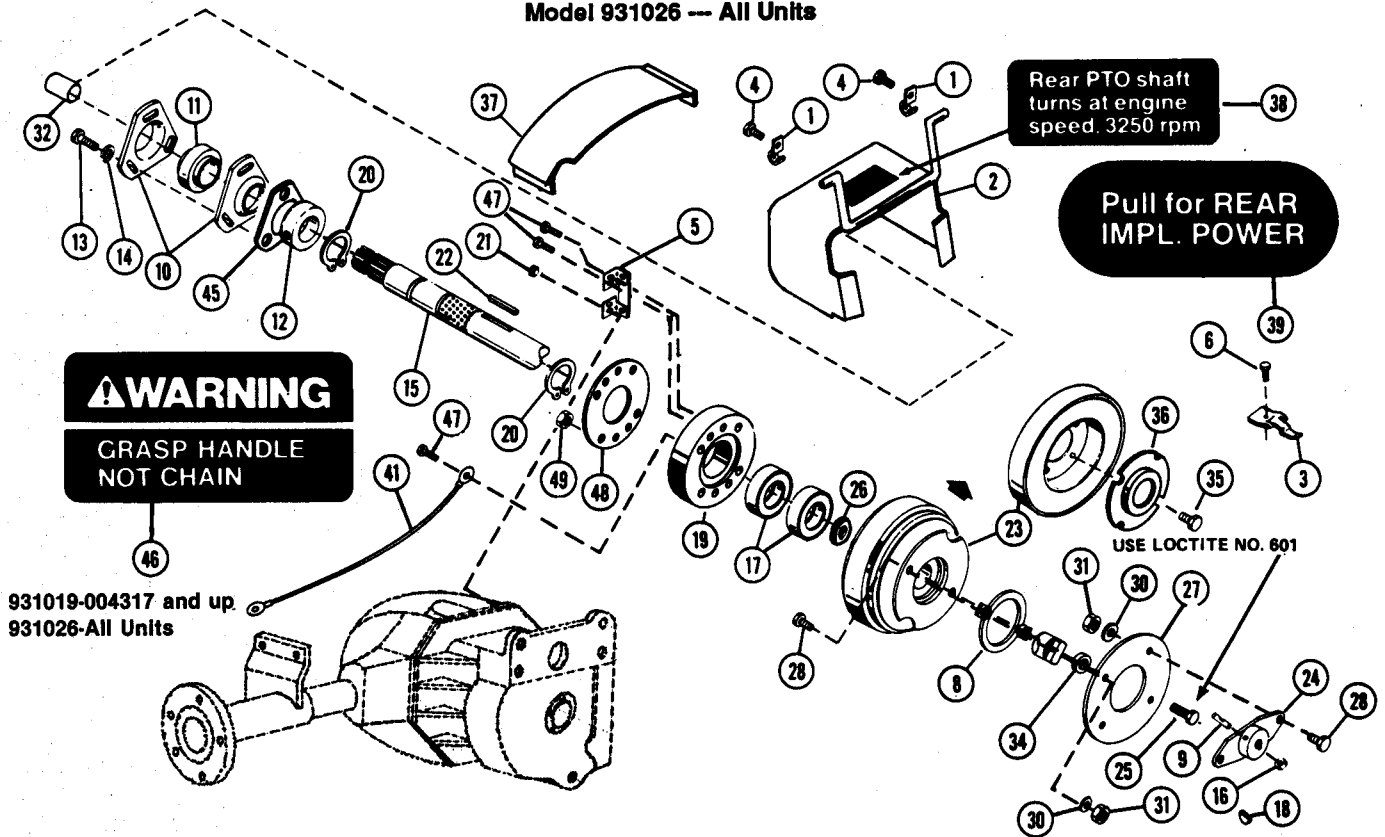


REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D	REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	030164	CLIP	2	22	066022	KEY	1
2	030163	SHIELD	1	23	031990	CLUTCH ASSEMBLY	1
3	031305	SNAP FASTENER	2	24	031988	HUB	1
4	074052	TAPTITE	2	25	070063	CAP SCREW, 3/8-16 x 1 1/4" Button	1
5	631209	LINK ASS'Y	1	26	030160	SPACER	1
6	074054	TAPTITE	2	27	031993	COUPLING	1
8	030158	PILOT PLATE	1	28	059022	CAP SCREW	4
9	030139	STUD	1	30	064123	WASHER	4
10	031020	FLANGETTE	2	31	065042	LOCKNUT	4
11	054110	BEARING, Ball	1	32	075060	CAP	1
12	031315	COLLAR	1	34	030157	RETAINER	1
13	059022	CAP SCREW	3	35	074061	TAPTITE	7
14	063003	LOCKWASHER	3	36	030159	TAB	4
15	031991	SHAFT, Rear PTO	1	37	030161	GUARD (931019 & 931024)	1
16	065122	LOCKNUT, Grade C	1	38	078600	REAR PTO DECAL	1
17	054052	BEARING, Ball	1	39	078548	REAR IMPLEMENT DECAL	1
18	066003	KEY	1	41	023030	GROUND WIRE	1
19	031989	BEARING HUB	1	42	031150	CLUTCH SWITCH *	1
20	057073	SNAP RING, External	2	43	075068	KNOB *	1
21	065043	LOCKNUT	1	44	030171	CLUTCH HARNESS *	1

*NOT SHOWN ABOVE

REAR PTO MODELS

Model 931019-004317 & Up
Model 931026 — All Units

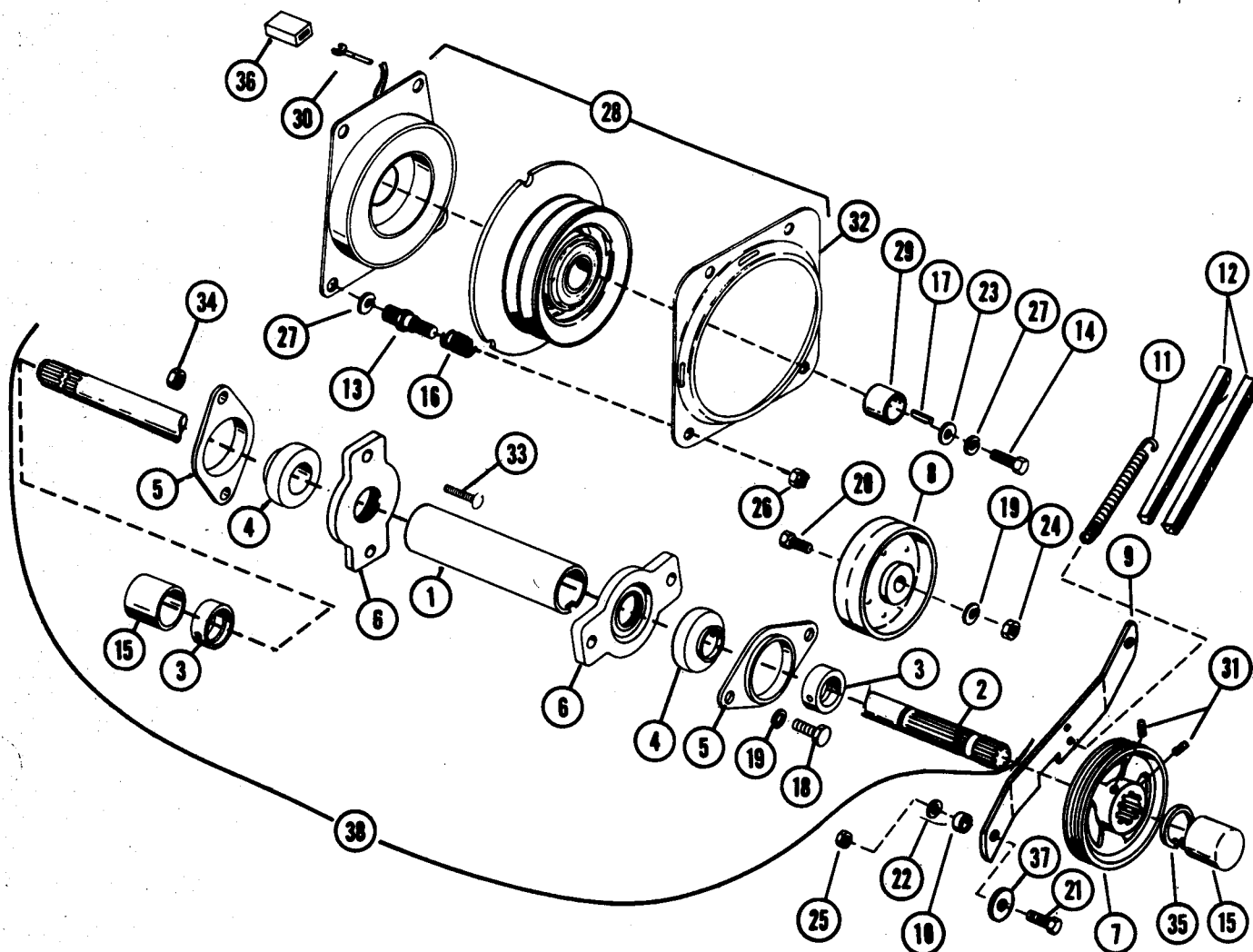


REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D	REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	030164	Clip	2	26	064199	Washer Special, 1-1/64" x 1-3/8" x .055"	1
2	030163	Shield	1	27	031993	Coupling	1
3	031305	Snap Fastener	2	28	059022	Cap Screw, 5/16-18 x 3/4"	4
4	074052	Taptite, 1/4-20 x 1/2"	2	30	064123	Washer, 11/32" ID x 11/16" OD x 16 Ga	4
5	631261	Link Assembly	1	31	065042	Locknut, 5/16-18	4
6	074054	Taptite, #10-24, 3/8"	2	32	075060	Cap	1
8	030158	Pilot Plate	1	34	030157	Retainer	1
9	030139	Stud	1	35	061060	Machine Screw, 10-24 x 1-1/4"	4
10	031020	Flangette	2	36	030366	Bearing Flange	1
11	054110	Bearing, Ball	1	37	030161	Guard (931019, 931024)	1
12	031315	Collar	1	38	078600	Rear PTO Decal	1
13	059003	Cap Screw, 5/16-18 x 1"	3	39	078548	Rear Implement Decal	1
14	063003	Lockwasher	3	41	023030	Ground Wire	1
15	030367	Shaft, Rear PTO	1	42	031150	Clutch Switch*	1
16	065122	Locknut, 3/8-16, Grade C	1	43	075068	Knob*	1
17	054052	Bearing, Ball	2	44	030171	Clutch Harness*	1
18	066003	Key	1	45	030264	Spacer Flange	AR
19	030364	Bearing Hub	1	46	078494	Warning Decal	1
20	057073	Snap Ring, External	2	47	074027	Taptite, #10-24 x 3/4"	3
21	065043	Locknut, 5/16-24	1	48	030365	Ring	1
22	066022	Key	1	49	065041	Locknut, 10-24	4
23	031990	Clutch Assembly	1				
24	031988	Hub	1				
25	070063	Cap Screw, 3/8-16 x 1-1/4" Button Hd.	1				

*NOT SHOWN ABOVE

FRONT PTO AND ELECTRICAL CLUTCH

MODELS 931019-000101 to 004317, 931020-000101 and up, 931021-000101 and up,
931022-000101 to 001801, 931023-000101 to 003175, 931024-000101 and up



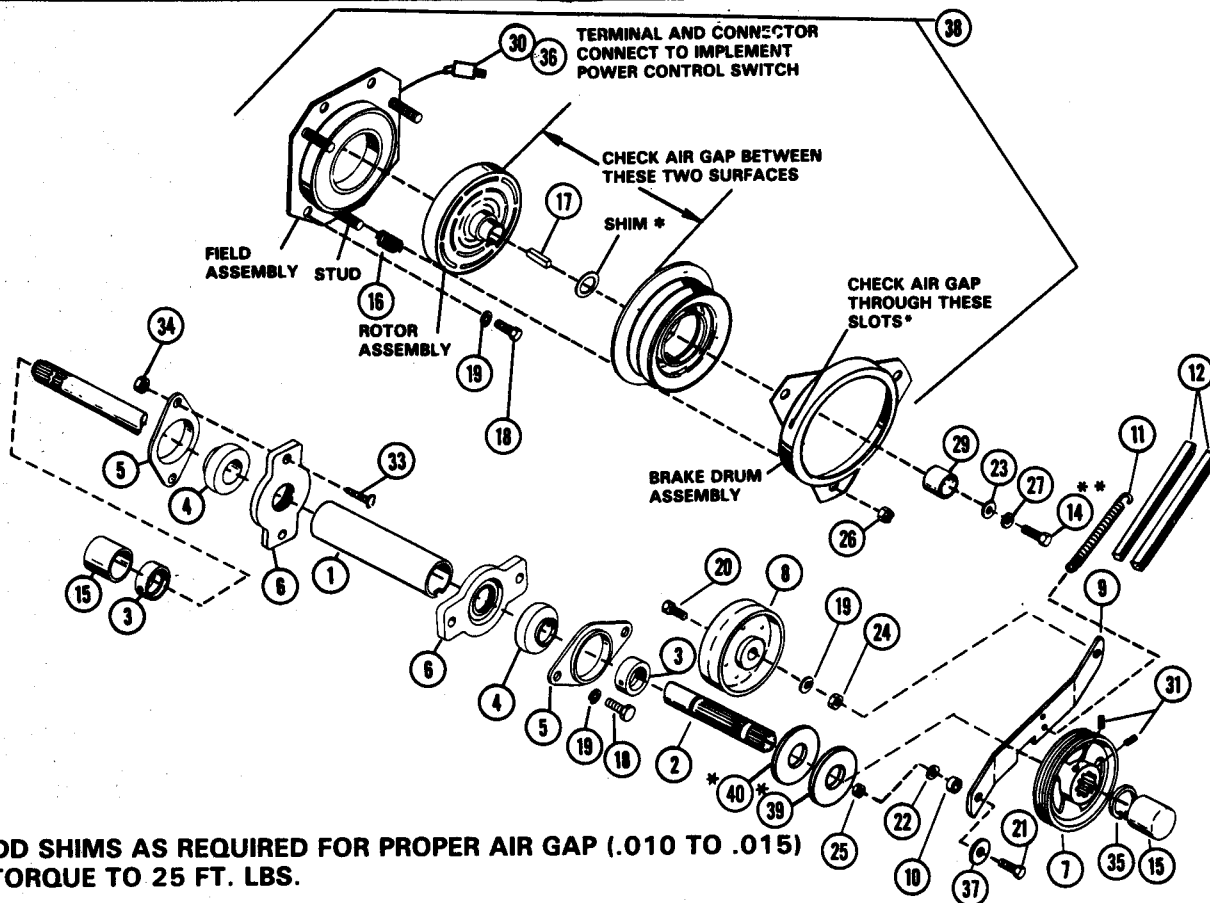
REF. NO.	PART NO.	STOCK CODE	DESCRIPTION	NO. REQ'D	REF. NO.	PART NO.	STOCK CODE	DESCRIPTION	NO. REQ'D
1	030084	M	TUBING	1	20	059068	M	CAP SCREW, HH, 3/8" x 2	1
2	030083	F	SHAFT	1	21	059042	M	CAP SCREW, HH, 1/2" x 1-1/4	1
3	031315	M	LOCK COLLAR	2	22	031158	M	SHIM SPACER	1
4	054110	F	BEARING	2	23	064047	M	WASHER, Special	1
5	030082	M	BEARING FLANGE	2	24	065018	M	NUT, Hex, 3/8"	1
6	030080	M	BEARING FLANGE	2	25	065097	M	NUT, Hex, 1/2"	1
7	030048	S	SHEAVE	1	26	065116	M	LOCKNUT, 5/16"	4
8	073055	M	IDLER PULLEY	1	27	063005	M	LOCKWASHER, 7/16"	5
9	031148	S	IDLER ARM	1	28	531023	M	CLUTCH	1
10	031157	M	SPACER	1	29	031358	M	SLEEVE	1
11	083176	F	SPRING	1	30	030056	M	SPADE TERMINAL	1
12	072111	F	"V" BELT - Matched Set of Two	1	31	060012	M	SET SCREW	2
13	031544	S	STUD	4	32	031545	S	PLATE	1
14	059142	M	CAP SCREW, HH, 7/16 x 1	1	33	062056	M	CARRIAGE BOLT 3/8 x 1 1/2	2
15	075060	M	COVER, PTO Shaft	2	34	065039	M	HEX NUT	2
16	083148	M	SPRING	4	35	057062	M	SNAP RING	1
17	066027	M	KEY, Square, 1/4 x 5/8"	1	36	030054	M	CONNECTOR	1
18	059006	M	CAP SCREW, HH, 3/8 x 1 1/2	2	37	064169	M	WASHER	1
19	063021	M	LOCKWASHER, 3/8"	3	38	531118	M	FRONT PTO ASS'Y	1

FRONT PTO AND ELECTRICAL CLUTCH

931019 — 004317 to 005500
931022 — 001801 to 002500

931023 — 003175 and up

931025 — 00101 to 000600
931026 — 000201 to 001000



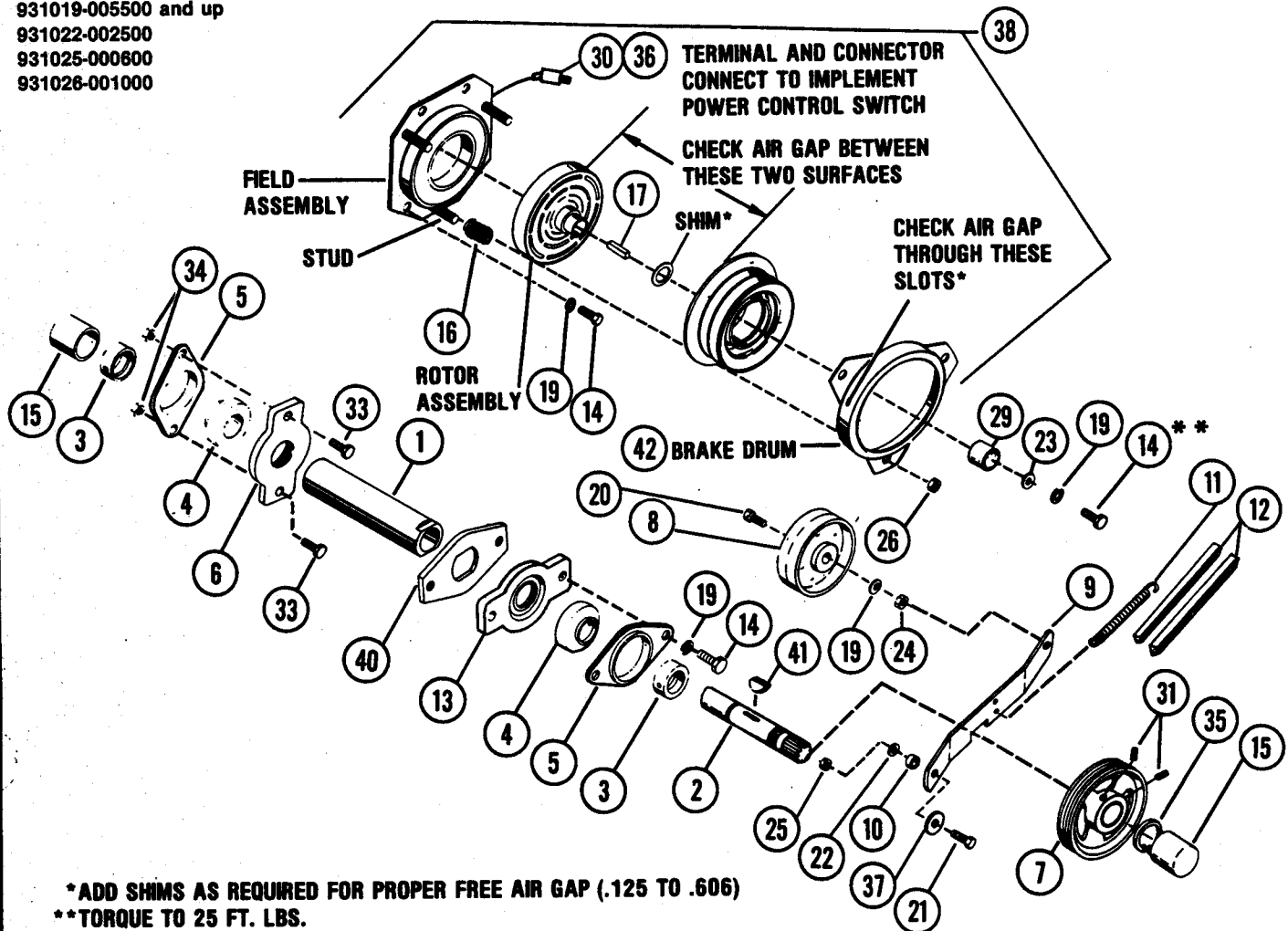
*ADD SHIMS AS REQUIRED FOR PROPER AIR GAP (.010 TO .015)

**TORQUE TO 25 FT. LBS.

REF. NO	PART NO	DESCRIPTION	QUANTITE NO. REQ'D	REF. NO.	PART NO.	DESCRIPTION	QUANTITE NO. REQ'D
1	030084	Tubing	1	21	059042	Cap Screw, HH, 1/2" x 1 1/4"	1
2	030083	Shaft	1	22	031158	Shim Spacer	1
3	031315	Lock Collar	2	23	064198	Washer, Special	1
4	054110	Bearing	2	24	065018	Nut, Hex 3/8"	1
5	030082	Bearing Flange	2	25	065097	Nut, Hex, 1/2"	1
6	030080	Bearing Flange	2	26	065116	Locknut	3
7	030048	Sheave	1	27	063005	Lockwasher	1
8	073055	Idler Pulley	1	29	030300	Spacer (GT 12, 14, 16)	1
9	031148	Idler Arm	1	30	030056	Spade Terminal	1
10	031157	Spacer	1	31	060012	Setscrew	2
11	083176	Spring	1	33	062056	Carriage Bolt, 3/8 x 1 1/4"	2
12	072111	"V" Belt, Matched Set of Two	1	34	065039	Hex Nut	2
14	059205	Cap Screw, HH, 7/16 x 1 1/2 Gr. 2	1	35	057062	Snap Ring	1
15	075060	Cover, PTO Shaft	2	36	030054	Connector	1
16	083148	Spring	3	37	064169	Washer	1
17	066027	Key, Square, 1/4 x 5/8"	1	38	631241	Clutch Assembly (GT 19)	1
18	059006	Cap Screw, HH, 3/8 x 1 1/2"	2		531141	Clutch Ass'y (GT 12, 14, 16 & 17)	1
19	063021	Lockwasher, 3/8"	3	39	064185	Washer, As Required	1
20	059068	Cap Screw, HH, 3/8" x 2"	1	40	064063	Washer, As Required	1

FRONT PTO AND ELECTRICAL CLUTCH

931019-005500 and up
931022-002500
931025-000600
931026-001000



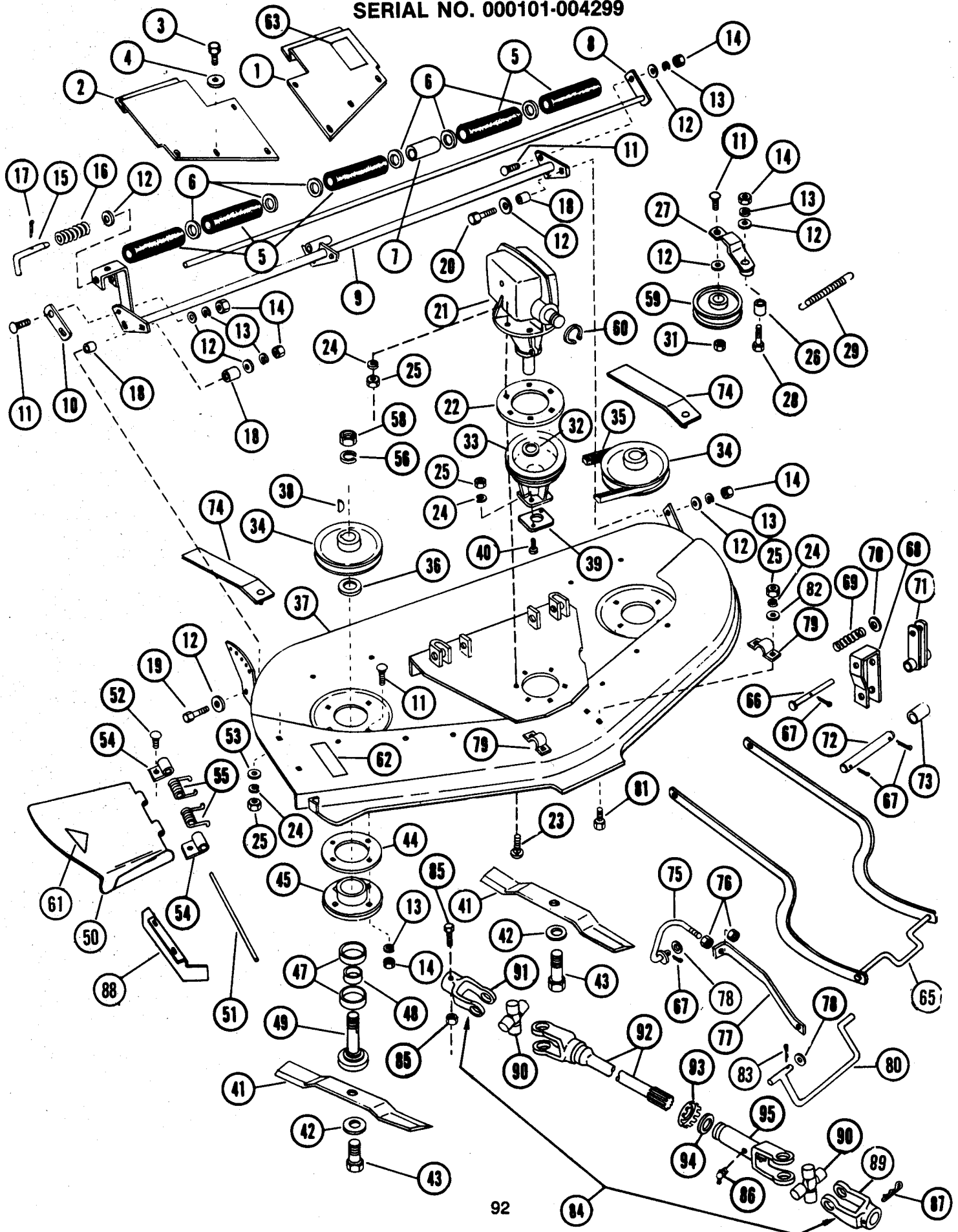
*ADD SHIMS AS REQUIRED FOR PROPER FREE AIR GAP (.125 TO .606)

**TORQUE TO 25 FT. LBS.

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D	REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	030408	Tubing	1	22	031158	Shim Spacer	1
2	030405	Shaft	1	23	064198	Washer, Special, .515" x 1-5/8" x 1/4"	1
3	031315	Locking Collar	2	24	065018	Nut, Hex, 3/8"	1
4	054110	Bearing	2	25	065097	Nut, Hex, 1/2"	1
5	030082	Bearing Flange	2	26	065116	Locknut	3
6	030406	Bearing Flange, Rear	1	29	030300	Spacer (GT 12, 14, 16)	1
7	030404	Sheave	1	30	030056	Spade Terminal	1
8	073055	Idler Pulley	1	31	060012	Setscrew, 5/16-18 x 3/8"	2
9	031148	Idler Arm	1	33	062056	Carriage Bolt 3/8 - 16 x 1-1/2"	2
10	031157	Spacer	1	34	065039	Hex Nut, 3/8-16	2
11	083203	Spring	1	35	057062	Snap Ring	1
12	072111	"V" Belt, Matched Set of Two	1	36	030054	Connector	1
13	030407	Bearing Flange, Front	1	37	064169	Washer, 5/16" x 2" x 3/32"	1
14	059205	Cap Screw, HH, 7/16" x 1-1/2", Gr. 5	7	38	631241	Clutch Assembly (GT 19)	1
15	075060	Cover, PTO Shaft	2		531141	Clutch Assembly (GT 12, 14, 16 & 17)	1
16	083148	Spring	3	40	030409	Anti-Pivot Plate	1
17	066027	Key, Square, 1/4" x 5/8"	1	41	066045	Key	1
19	063005	Lockwasher, 3/8"	3	42	030303	Brake	1
20	059068	Cap Screw, HH, 7/16" SAE STD.	1				
21	059042	Cap Screw, HH, 1/2" x 1-1/4"	1				

42" MOWER - MODEL 831001

SERIAL NO. 000101-004299

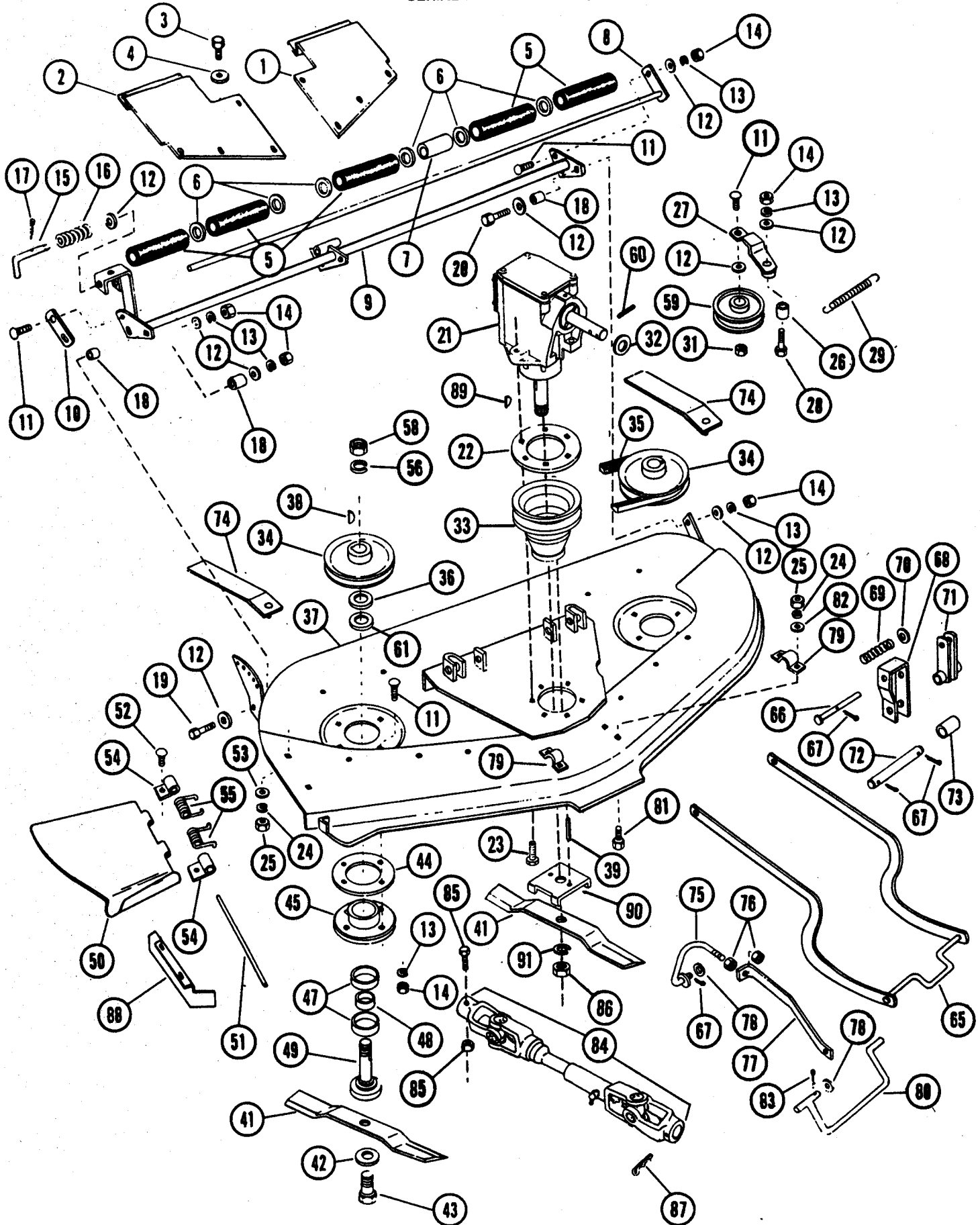


42" MOWER - MODEL 831001
SERIAL NO. 000101-004299

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D	REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	531019	SHIELD, L.H. ASSEMBLY	1	49	029156	SPINDLE SHAFT	2
2	031205	SHIELD R. H.	1	50	031208	SHIELD	1
3	074046	SCREW, Self Tapping 1/4" x 1/2" Lg.	12	51	031207	ROD	1
4	064127	WASHER, Plain, 1/4"	12	52	062033	CARRIAGE BOLT, 5/16" x 5/8" Lg.	2
5	031141	ROLL	5	53	064002	WASHER 5/16"	2
6	064004	WASHER, Plain 5/8"	6	54	031206	HINGE	2
7	031565	SPACER	1	55	083128	SPRING, Torsion	2
8	031216	SHAFT	1	56	063027	LOCKWASHER, 3/4"	2
9	031215	ROLLER ADJUSTMENT	1	58	065016	NUT, Jam 3/4"	2
10	031156	LINK	1	59	073054	IDLER	1
11	062029	CARRIAGE BOLT, 3/8" x 1" Lg.	11	60	057049	RETAINING RING, External	1
12	064008	WASHER, Plain 3/8"	9	61	078226	SAFETY LABEL	1
13	063021	LOCKWASHER, 3/8"	13	62	078269	WARNING DECAL, Rotating Parts	1
14	065018	NUT, Hex 3/8"	13	63	078271	CAUTION DECAL	1
15	031210	PIN	1	65	031217	MOWER HANGER	1
16	083129	SPRING, Compression	1	66	031127	PIN	2
17	067024	PIN, Cotter	1	67	067004	PIN, Cotter 1/8" x 1" Lg.	7
18	029161	BUSHING	3	68	031226	SUPPORT CHANNEL	2
19	059005	CAP SCREW, Hex. Hd. 3/8" x 1-1/4" Lg.	1	69	083130	SPRING, Compression	2
20	059004	CAP SCREW, Hex. Hd. 3/8" x 1" Lg.	1	70	064003	WASHER, Plain, 1/2"	2
21	631015	GEAR BOX ASSEMBLY	1	71	031220	ARM	2
22	031214	SHIM	AR	72	031221	PIN	2
23	062034	CARRIAGE BOLT, 5/16" x 3/4" Lg.	6	73	031219	SPACER	2
24	063003	LOCKWASHER, 5/16"	14	74	031218	RAMP	2
25	065015	NUT, Hex. 5/16"	14	75	031222	ADJUSTING ROD	1
26	055090	BUSHING	1	76	065021	NUT, Jam, 1/2"	2
27	031196	IDLER ARM	1	77	031225	ARM	1
28	059027	CAP SCREW, Hex. Hd. 3/8" x 1-3/4" Lg.	1	78	064120	WASHER 1/2"	2
29	083127	SPRING, Extension	1	79	031224	STRAP	2
31	065060	LOCKNUT, 3/8"	1	80	031223	SUPPORT SHAFT	1
32	064095	WASHER 5/8"	1	81	062011	CARRIAGE BOLT, 5/16" x 3/4" Lg.	4
33	031042	SHEAVE	1	82	064123	WASHER, Plain 5/16"	4
34	073060	SHEAVE	2	83	067027	PIN, Cotter, 1/4" x 1-1/2" Lg.	1
35	072080	V BELT	1	84	631014	PTO ASSEMBLY	1
36	064108	WASHER, Special	AR	85	059157	SHEAR BOLT & NUT	1
37	531020	DECK	1	86	022093	ZERK FITTING	1
38	066003	KEY, Woodruff No. 9	2	87	067030	HAIRPIN, Cotter	1
39	031234	PLATE	1	88	731001	LEAF MULCHER KIT	1
40	061048	MACHINE SCREW 5/16-18 x 1	2	89	031559	YOKE, Attachment End	1
41	031213	BLADE	3	90	031558	JOURNAL CROSS & BEARING	2
42	031191	WASHER, Belleville	3	91	031557	YOKE, Tractor End	1
43	059153	CAP SCREW, Hex. Hd. 7/16" x 1 UNF	3	92	031563	YOKE AND TUBE	1
44	029177	SHIM	AR	93	031561	RETAINER CAP	1
45	031044	SPINDLE HOUSING	2	94	031562	GREASE SEAL	1
47	054120	BEARING	4	95	031560	YOKE & SHAFT	1
48	031144	SPACER	2				

42" MOWER - MODEL 831001

SERIAL NO. 004300 and up



42" MOWER - MODEL 831001

SERIAL NO. 004300 and up

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D	REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	531019	SHIELD, L.H. ASSEMBLY	1	49	029156	SPINDLE SHAFT	2
2	031205	SHIELD R. H.	1	50	031208	SHIELD	1
3	074046	SCREW, Self Tapping 1/4" x 1/2" Lg.	12	51	031207	ROD	1
4	064127	WASHER, Plain, 1/4"	12	52	062033	CARRIAGE BOLT, 5/16" x 5/8" Lg.	2
5	031141	ROLL	5	53	064002	WASHER 5/16"	2
6	064004	WASHER, Plain 5/8"	6	54	031206	HINGE	2
7	031565	SPACER	1	55	083128	SPRING, Torsion	2
8	031216	SHAFT	1	56	063027	LOCKWASHER, 3/4"	2
9	031215	ROLLER ADJUSTMENT	1	58	065016	NUT, Jam 3/4"	2
10	031156	LINK	1	59	073054	IDLER	1
11	062029	CARRIAGE BOLT, 3/8" x 1" Lg.	11	60	058009	PIN, Roll	1
12	064008	WASHER, Plain 3/8"	9	61	064048	WASHER 3/4"	AR
13	063021	LOCKWASHER, 3/8"	13	65	031217	MOWER HANGER	1
14	065018	NUT, Hex 3/8"	13	66	031227	PIN	2
15	031210	PIN	1	67	067004	PIN, Cotter 1/8" x 1" Lg.	7
16	083129	SPRING, Compression	1	68	031226	SUPPORT CHANNEL	2
17	067024	PIN, Cotter	1	69	083130	SPRING, Compression	2
18	055089	BUSHING	3	70	064003	WASHER, Plain, 1/2"	2
19	059005	CAPSCREW, Hex. Hd. 3/8" x 1-1/4" Lg.	1	71	031220	ARM	2
20	059004	CAPSCREW, Hex. Hd. 3/8" x 1" Lg.	1	72	031221	PIN	2
21	631122	GEAR BOX ASSEMBLY	1	73	031219	SPACER	2
22	031214	SHIM (2 max.)	AR	74	031218	RAMP	2
23	070014	CAPSCREW, Special	6	75	031222	ADJUSTING ROD	1
24	063003	LOCKWASHER, 5/16"	6	76	065021	NUT, Jam, 1/2"	2
25	065015	NUT, Hex. 5/16"	6	77	031225	ARM	1
26	055090	BUSHING	1	78	064120	WASHER 1/2"	2
27	031196	IDLER ARM	1	79	031224	STRAP	2
28	059027	CAPSCREW, Hex. Hd. 3/8" x 1-3/4" Lg.	1	80	031223	SUPPORT SHAFT	1
29	083127	SPRING, Extension	1	81	062011	CARRIAGE BOLT, 5/16" x 3/4" Lg.	4
31	065060	LOCKNUT, 3/8"	1	82	064123	WASHER, Plain 5/16"	2
32	064041	WASHER 5/8"	1	83	067027	PIN, Cotter, 1/4" x 1-1/2" Lg.	1
33	031844	SHEAVE	1	84	631124	PTO ASSEMBLY	1
34	073060	SHEAVE	2	85	531026	SPECIAL BOLT & NUT	1
35	072080	V BELT	1	86	065025	NUT	1
36	064108	WASHER, Special	AR	87	067030	HAIRPIN, Cotter	1
37	531020	DECK	1	88	731001	LEAF MULCHER KIT	1
38	066003	KEY, Woodruff No. 9	2	89	060012	KEY, Woodruff	1
39	058055	GROOVE PIN	2	90	031843	BLADE TRAY	1
40	061048	MACHINE SCREW 5/16-18 x 1	2	91	063008	LOCKWASHER	1
41	031213	BLADE	3				
42	031191	WASHER, Belleville	2				
43	059153	CAPSCREW, Hex. Hd. 7/16" x 1 UNF	2				
44	029177	SHIM	AR				
45	031044	SPINDLE HOUSING	2				
47	054120	BEARING	4				
48	031144	SPACER	2				

SERIAL NO. 000101-004299



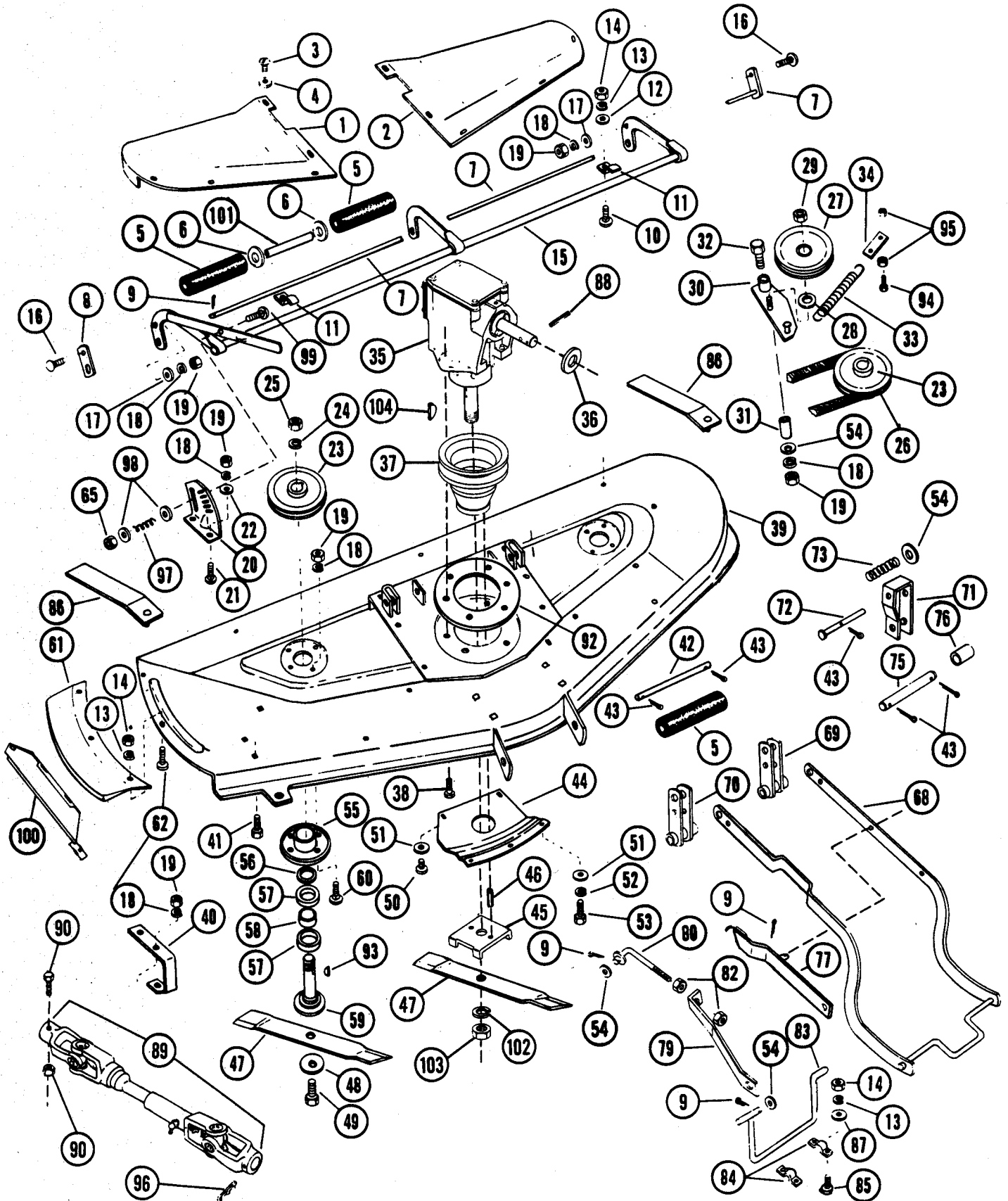
48" MOWER PAN - MODEL 831002

SERIAL NO. 000101-004299

REF NO.	PART NO.	DESCRIPTION	NO. REQ'D	REF NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	031228	SHIELD, R.H.	1	54	064003	WASHER, Plain 1/2"	5
2	531021	SHIELD, L.H.	1	55	031044	FLANGED BEARING HOUSING	2
3	074046	SCREW, Self Tapping, 1/4" - 1/2" Lg.	10	56	064048	WASHER 3/4"	A/R
4	064127	WASHER, Plain 1/4"	10	57	054120	BEARING	4
5	031141	ROLL	5	58	031144	SPACER	2
6	064011	WASHER 11/16"	4	59	031235	SPINDLE SHAFT	2
7	031238	SHAFT	1	60	062035	CARRIAGE BOLT, 3/8" x 3/4" Lg.	8
8	031156	LINK	1	61	031255	CHUTE EXTENSION	1
9	067026	PIN, Cotter 3/16" x 1" Lg.	5	62	061049	MACHINE SCREW, 5/16" x Lg.	3
10	062015	CARRIAGE BOLT, 5/16" - 1" Lg.	3	63	078271	CAUTION DECAL	1
11	031241	TAB	3	64	078226	SAFETY LABEL	1
12	064123	WASHER, Plain 5/16"	3	65	065101	LOCKNUT 5/16" - 18	1
13	063003	LOCKWASHER, 5/16"	18	66	078269	ROTATING PARTS DECAL	1
14	065015	NUT, Hex Hd. 5/16"	18	67	078270	CUTTING WIDTH DECAL	1
15	031236	ROLL FRAME	1	68	031242	MOWER HANGER	1
16	062013	CARRIAGE BOLT, 3/8" x 1" Lg.	2	69	031247	ARM, L. H.	1
17	064008	WASHER, Plain 3/8"	2	70	031220	ARM, R.H.	1
18	063021	LOCKWASHER, 3/8"	16	71	031226	SUPPORT CHANNEL	2
19	065018	NUT, 3/8"	16	72	031227	PIN	2
20	031288	HEIGHT QUADRANT	1	73	083130	SPRING, Compression	2
21	062029	CARRIAGE BOLT 3/8 x 1" Lg.	2	75	031221	PIN	2
22	064069	WASHER 3/8"	2	76	031219	SPACER	2
23	073053	SHEAVE	2	77	031243	ARM	1
24	063027	LOCKWASHER, 3/4"	2	79	031246	ARM	1
25	065016	NUT, Jam 3/4"	2	80	031244	ADJUSTING ROD	1
26	072081	BELT	1	82	065021	NUT, 1/2"	2
27	073061	IDLER PULLEY	1	83	031245	SUPPORT SHAFT	1
28	064138	WASHER 1/2"	1	84	031224	STRAP	2
29	065097	NUT, Hex. 1/2"	1	85	062011	CARRIAGE BOLT 5/16"	4
30	031230	IDLER ARM	1	86	031218	RAMP	2
31	029079	SPACER	1	87	064123	WASHER 5/16"	2
32	059035	CAP SCREW, Hex. Hd., 3/8" x 2-1/2" Lg.	1	88	057049	RETAINING RING, External	1
33	083117	SPRING, Extension	1	89	631014	PTO ASSEMBLY	1
34	031240	PLATE	1	90	531026	SHEAR BOLT & NUT	1
35	631016	GEAR BOX ASSEMBLY	1	92	031214	SHIM	A/R
36	064095	WASHER 5/8"	1	93	066003	KEY, Woodruff No. 9	2
37	031042	SHEAVE	1	94	059004	CAP SCREW 3/8 x 1" Lg.	1
38	062034	CARRIAGE BOLT, 5/16" x 3/4" Lg.	6	95	065001	NUT 3/8"	2
39	531022	MOWER DECK	1	96	067030	HAIR PIN	1
40	031239	SKID	1	97	083131	SPRING	1
41	062010	CARRIAGE BOLT, 3/8" x 3/4" Lg.	3	98	064002	WASHER, 5/16 Wrought	2
42	031232	PIN	1	99	062036	CARRIAGE BOLT 5/16" - 18 x 1-3/4"	2
43	067004	PIN, Cotter 1/8" x 1" Lg.	8	100	731002	MULCHER (KIT ONLY)	1
44	031233	SHIELD	1	101	031564	SPACER	2
45	031234	PLATE	1	102	031559	YOKE, Attachment End	1
46	061048	MACHINE SCREW, Flat Hd. 5/16" x 1" Lg	2	103	031558	JOURNAL CROSS & BEARING	2
47	031237	BLADE	3	104	031557	YOKE, Tractor End	1
48	031191	WASHER	3	105	031563	YOKE AND TUBE	1
49	059153	CAP SCREW, Hex. Hd. 7/16" x 1" Lg.	3	106	031561	RETAINER CAP	1
50	074046	SCREW, Self Tapping 1/4" x 1/2" Lg.	2	107	031562	GREASE SEAL	1
51	064127	WASHER, Plain 1/4"	5	108	031560	YOKE & SHAFT	1
52	063002	LOCKWASHER, 1/4"	3	109	022093	ZERK FITTING	1
53	059028	CAP SCREW, Hex. Hd. 1/4" x 1/2" Lg.	3				

48" MOWER PAN - MODEL 831002

SERIAL NO. 004300 and up



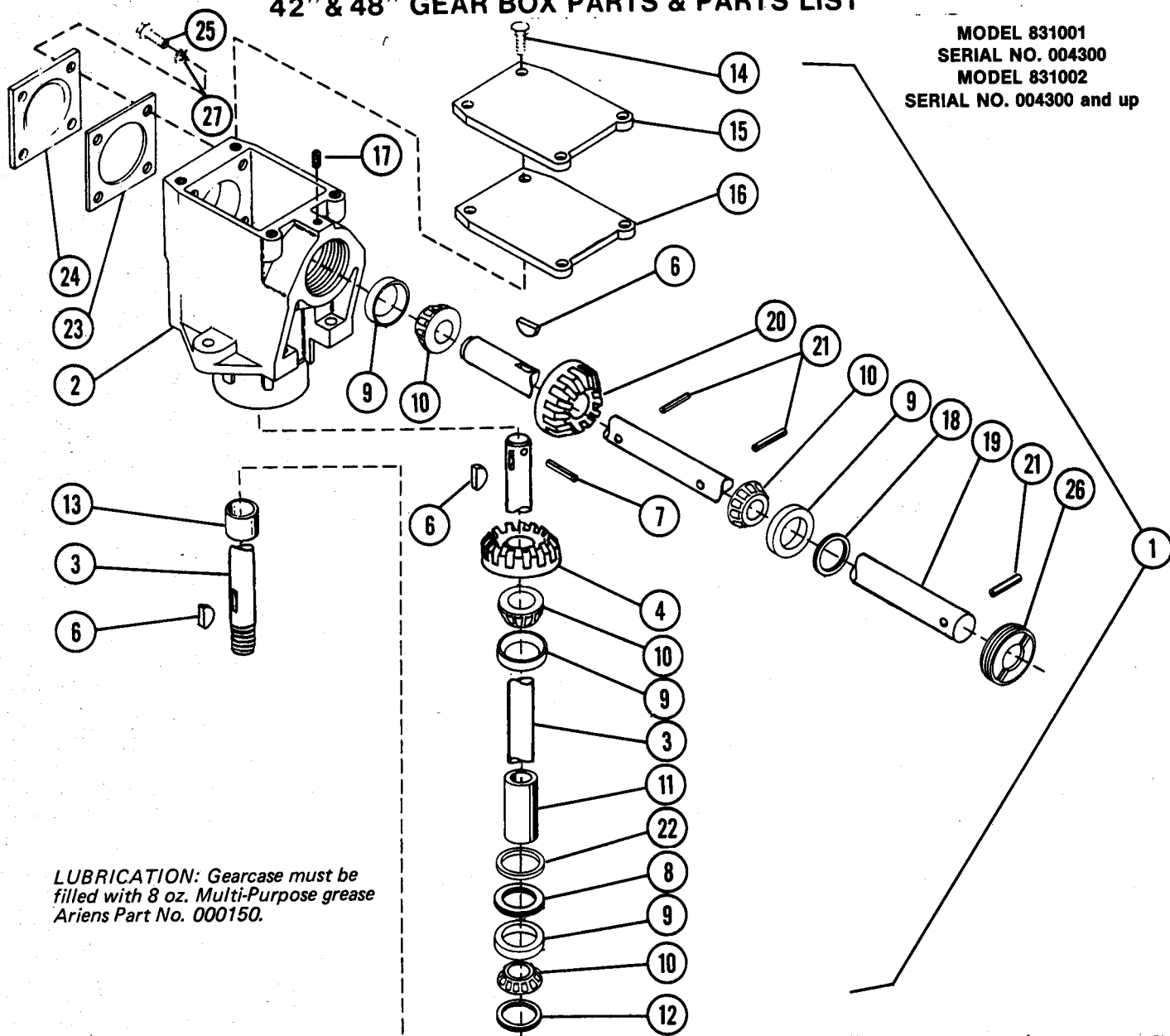
48" MOWER PAN - MODEL 831002

SERIAL NO. 004300 and up

REF NO.	PART NO.	DESCRIPTION	NO. REQ'D	REF NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	031228	SHIELD, R.H.	1	54	064003	WASHER, Plain 1/2"	5
2	531021	SHIELD, L.H.	1	55	031044	FLANGED BEARING HOUSING	2
3	074046	SCREW, Self Tapping, 1/4" - 1/2" Lg.	10	56	064048	WASHER 3/4"	A/R
4	064127	WASHER, Plain 1/4"	10	57	054120	BEARING	4
5	031141	ROLL	5	58	031144	SPACER	2
6	064011	WASHER 11/16"	4	59	031235	SPINDLE SHAFT	2
7	031238	SHAFT	1	60	062035	CARRIAGE BOLT, 3/8" x 3/4" Lg.	8
8	031156	LINK	1	61	031255	CHUTE EXTENSION	1
9	067026	PIN, Cotter 3/16" x 1" Lg.	5	62	061049	MACHINE SCREW, 5/16" x Lg.	3
10	062015	CARRIAGE BOLT, 5/16" - 1" Lg.	3	65	065101	LOCKNUT 5/16" - 18	1
11	031241	TAB	3	68	031242	MOWER HANGER	1
12	064123	WASHER, Plain 5/16"	3	69	031247	ARM, L. H.	1
13	063003	LOCKWASHER, 5/16"	10	70	031220	ARM, R.H.	1
14	065015	NUT, Hex Hd. 5/16"	10	71	031226	SUPPORT CHANNEL	2
15	031236	ROLL FRAME	1	72	031227	PIN	2
16	062013	CARRIAGE BOLT, 3/8" x 1" Lg.	2	73	083130	SPRING, Compression	2
17	064008	WASHER, Plain 3/8"	2	75	031221	PIN	2
18	063021	LOCKWASHER, 3/8"	16	76	031219	SPACER	2
19	065018	NUT, 3/8"	16	77	031243	ARM	1
20	031288	HEIGHT QUADRANT	1	79	031246	ARM	1
21	062029	CARRIAGE BOLT 3/8 x 1" Lg.	2	80	031244	ADJUSTING ROD	1
22	064043	WASHER 3/8"	2	82	065021	NUT, 1/2"	2
23	073053	SHEAVE	2	83	031245	SUPPORT SHAFT	1
24	063027	LOCKWASHER, 3/4"	2	84	031224	STRAP	2
25	065016	NUT, Jam 3/4"	2	85	062011	CARRIAGE BOLT 5/16"	4
26	072081	BELT	1	86	031218	RAMP	2
27	073061	IDLER PULLEY	1	87	064123	WASHER 5/16"	2
28	064138	WASHER 1/2"	1	88	058009	PIN, Roll	1
29	065097	NUT, Hex. 1/2"	1	89	631124	PTO ASSEMBLY	1
30	031230	IDLER ARM	1	90	531026	SPECIAL BOLT & NUT	1
31	029079	SPACER	1	92	031214	SHIM (2 max.)	A/R
32	059035	CAP SCREW, Hex. Hd., 3/8" x 2-1/2" Lg.	1	93	066003	KEY, Woodruff No. 9	2
33	083117	SPRING, Extension	1	94	059004	CAP SCREW 3/8 x 1" Lg.	1
34	031240	PLATE	1	95	065001	NUT 3/8"	2
35	631123	GEAR BOX ASSEMBLY	1	96	067030	HAIR PIN	1
36	064041	WASHER 5/8"	1	97	083131	SPRING	1
37	031844	SHEAVE	1	98	064002	WASHER, 5/16 Wrought	2
38	070014	CAPSCREW, Special	6	99	062036	CARRIAGE BOLT 5/16" - 18 x 1-3/4"	2
39	531022	MOWER DECK	1	100	731002	MULCHER (KIT ONLY)	1
40	031239	SKID	1	101	031564	SPACER	2
41	062010	CARRIAGE BOLT, 3/8" x 3/4" Lg.	3	102	063008	LOCKWASHER	1
42	031232	PIN	1	103	065025	NUT	1
43	067004	PIN, Cotter 1/8" x 1" Lg.	8	104	060012	KEY, Woodruff	1
44	031843	SHIELD	1				
45	031842	BLADE TRAY	1				
46	058055	GROOVE, Pin	2				
47	031237	BLADE	3				
48	031191	WASHER	2				
49	059153	CAP SCREW, Hex. Hd. 7/16" x 1" Lg.	2				
50	074046	SCREW, Self Tapping 1/4" x 1/2" Lg.	2				
51	064127	WASHER, Plain 1/4"	5				
52	063002	LOCKWASHER, 1/4"	3				
53	059028	CAP SCREW, Hex. Hd. 1/4" x 1/2" Lg.	3				

42" & 48" GEAR BOX PARTS & PARTS LIST

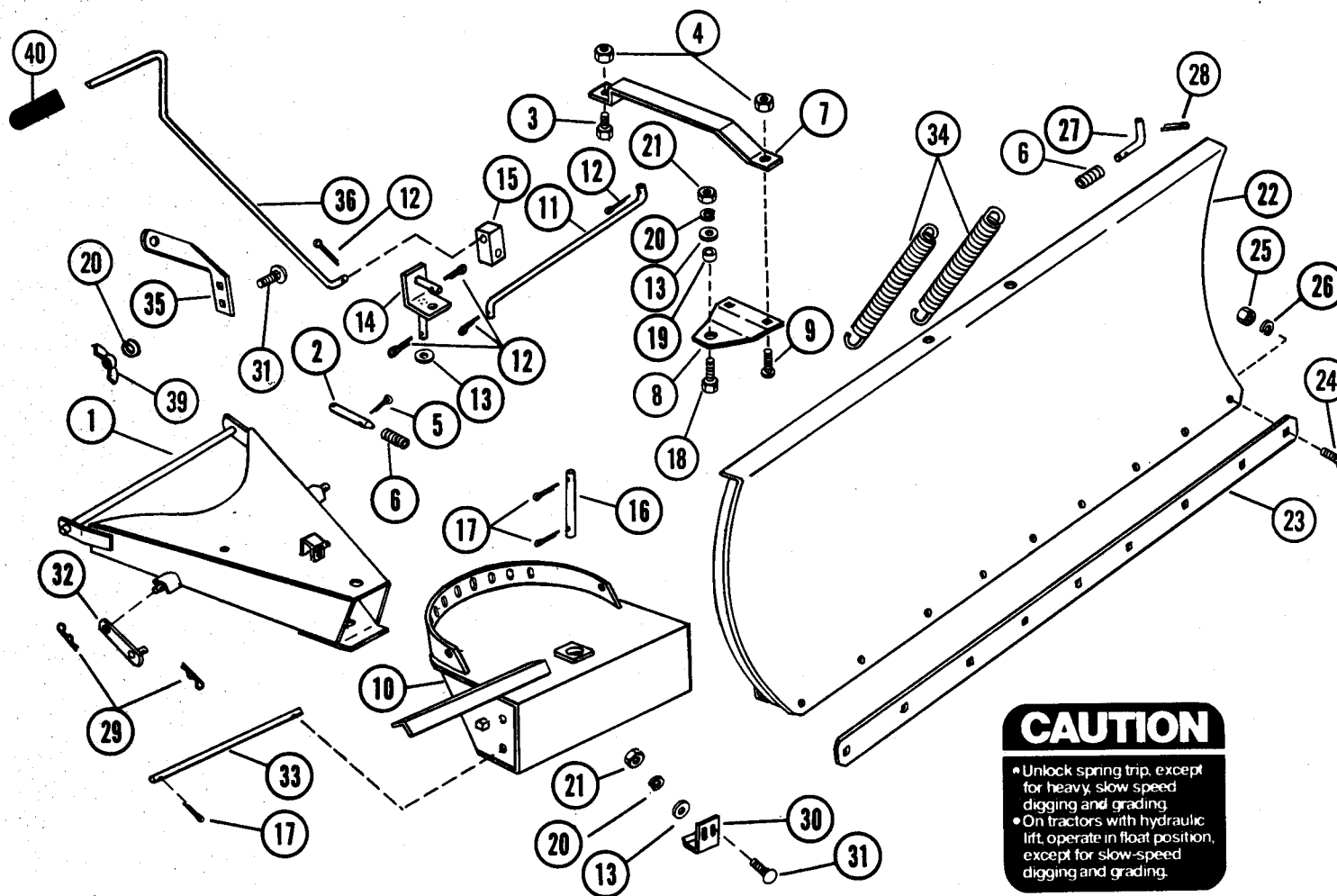
MODEL 831001
SERIAL NO. 004300
MODEL 831002
SERIAL NO. 004300 and up



LUBRICATION: Gearcase must be filled with 8 oz. Multi-Purpose grease Ariens Part No. 000150.

REF NO	PART NO	DESCRIPTION	NO REQ'D	REF NO	PART NO	DESCRIPTION	NO REQ'D
1	631122	GEAR CASE ASSEMBLY, 42" Model No. 831001	1	16	031835	GASKET, Top	1
1	631123	GEAR CASE ASSEMBLY, 48" Model No. 831002	1	17	060014	SETSCREW	1
2	031830	GEAR CASE	1	18	056062	SEAL	1
3	031841	OUT-PUT SHAFT	1	19	031840	IN-PUT SHAFT	1
4	031845	BEVEL GEAR, 42" Model No. 831001	1	20	031846	BEVEL GEAR, 42" Model No. 831001	1
	031829	BEVEL GEAR, 48" Model No. 831002	1		031829	BEVEL GEAR, 48" Model No. 831002	1
6	066012	KEY, Woodruff	3	21	058016	ROLL PIN	3
7	058049	GROOVE PIN	1	22	064165	WASHER	1
8	531064	LOAD RING KIT	1	23	031834	GASKET, Side Cover	AR
9	054044	BEARING CUP	4	24	031832	SIDE COVER	1
10	054045	BEARING CONE	4	25	059039	CAPSCREW, HH, 5/16-18 x 1/2"	4
11	031847	BEARING SPACER	1	26	010371	PLUG ADJ.	1
12	056066	SEAL	1	27	063003	LOCKWASHER, 5/16"	4
13	031848	SPACER	1				
14	074020	TAPTITE, No. 8 - 32	4				
15	031831	GEAR CASE COVER	1				

54" BLADE MODEL 831004



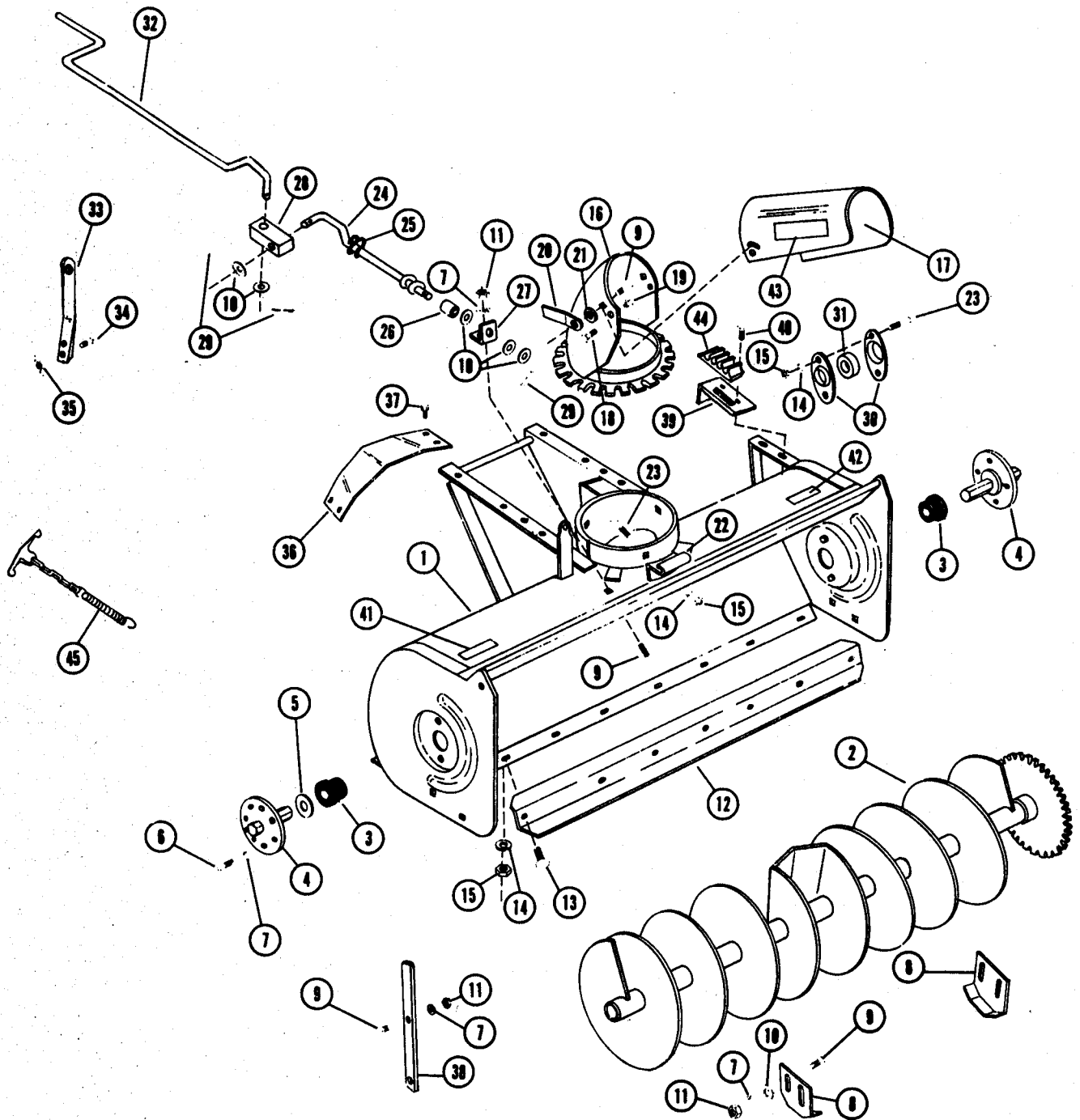
CAUTION

• Unlock spring trip, except for heavy, slow speed digging and grading.
• On tractors with hydraulic lift, operate in float position, except for slow-speed digging and grading.

78294

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D	REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	031250	Frame	1	20	063021	Lockwasher, 3/8	5
2	031254	Latch Pin	1	21	065018	Nut, Hex 3/8	5
3	059069	Cap Screw, Hex Head, 5/16" x 1-1/4" Lg.	1	22	031248	Blade	1
4	065042	Nut, 5/16-18	2	23	031249	Wear Plate	1
5	067004	Pin, Cotter 1/8" x 1" Lg.	1	24	062015	Carriage Bolt, 5/16 x 1 Lg.	9
6	083132	Spring, Compression	2	25	065015	Nut, Hex 5/16	9
7	031267	Strap	1	26	063003	Lockwasher, 5/16	9
8	031252	Pivot Plate	1	27	031277	Jack Pin	1
9	062034	Carriage Bolt, 5/16 x 3/4"	1	28	067004	Pin, Cotter	1
10	031251	Support	1	29	067022	Hairpin	4
11	031253	Rod	1	30	031271	Skid Shoe	2
12	067024	Pin, Cotter 1/8 x 3/4" Lg.	4	31	062029	Carriage Bolt 3/8 x 1 Lg.	6
13	064008	Washer, 3/8"	7	32	031273	Arm	2
14	031269	Angle	1	33	031272	Rod	1
15	031268	Block Joint	1	34	083133	Extension Spring	2
16	031276	Pin	1	35	031274	Support	1
17	067026	Pin, Cotter, 3/16 x 1 Head.	3	36	031275	Rod	1
18	059004	Cap Screw, Hex Head, 3/8 x 1 Lg.	1	39	065023	Wing Nut	2
19	029140	Spacer	1	40	075099	Grip	1

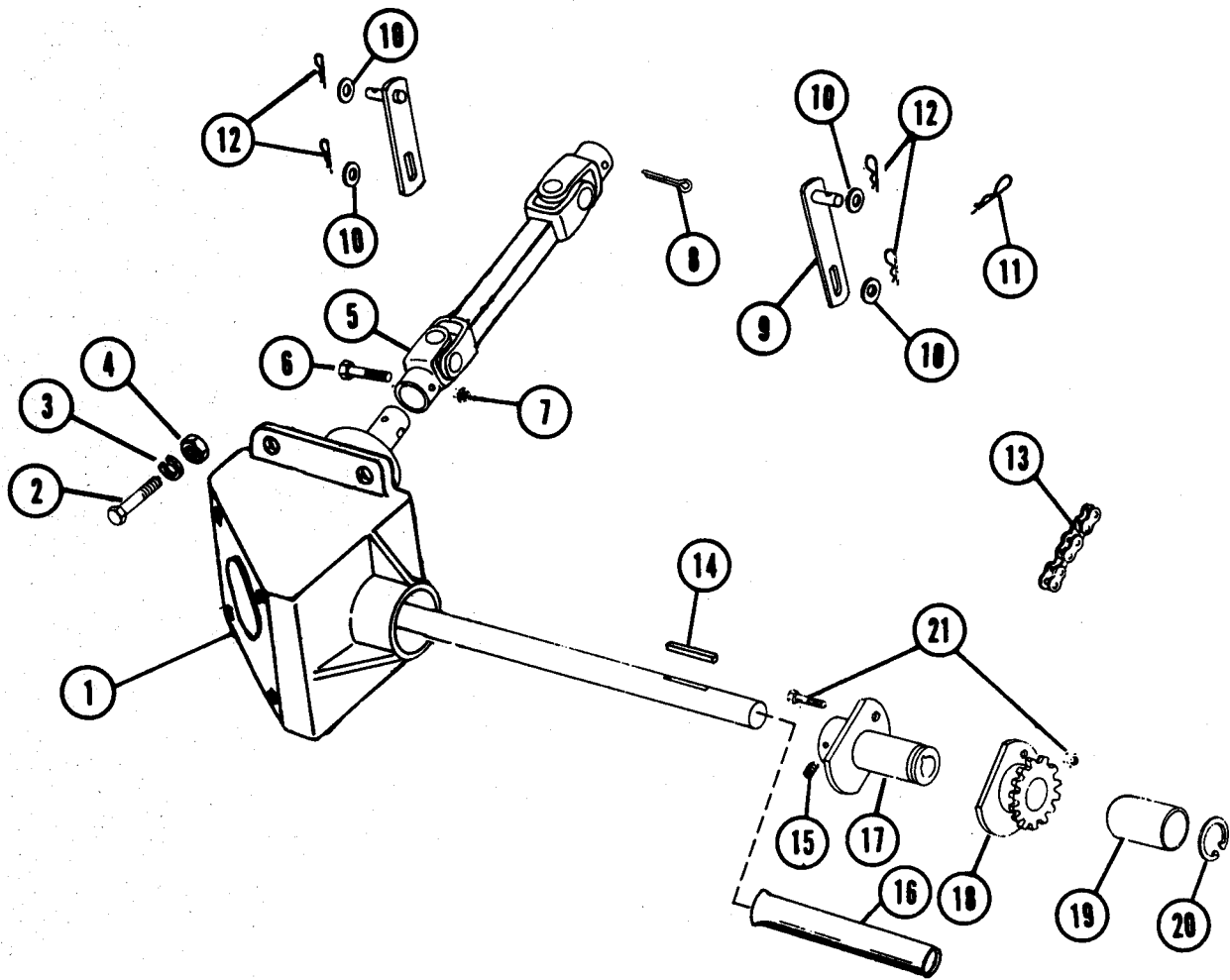
MODEL 831003 48 ST HOUSING, AUGER AND CHUTE CONTROL



MODEL 831003 48 ST HOUSING, AUGER AND CHUTE CONTROL

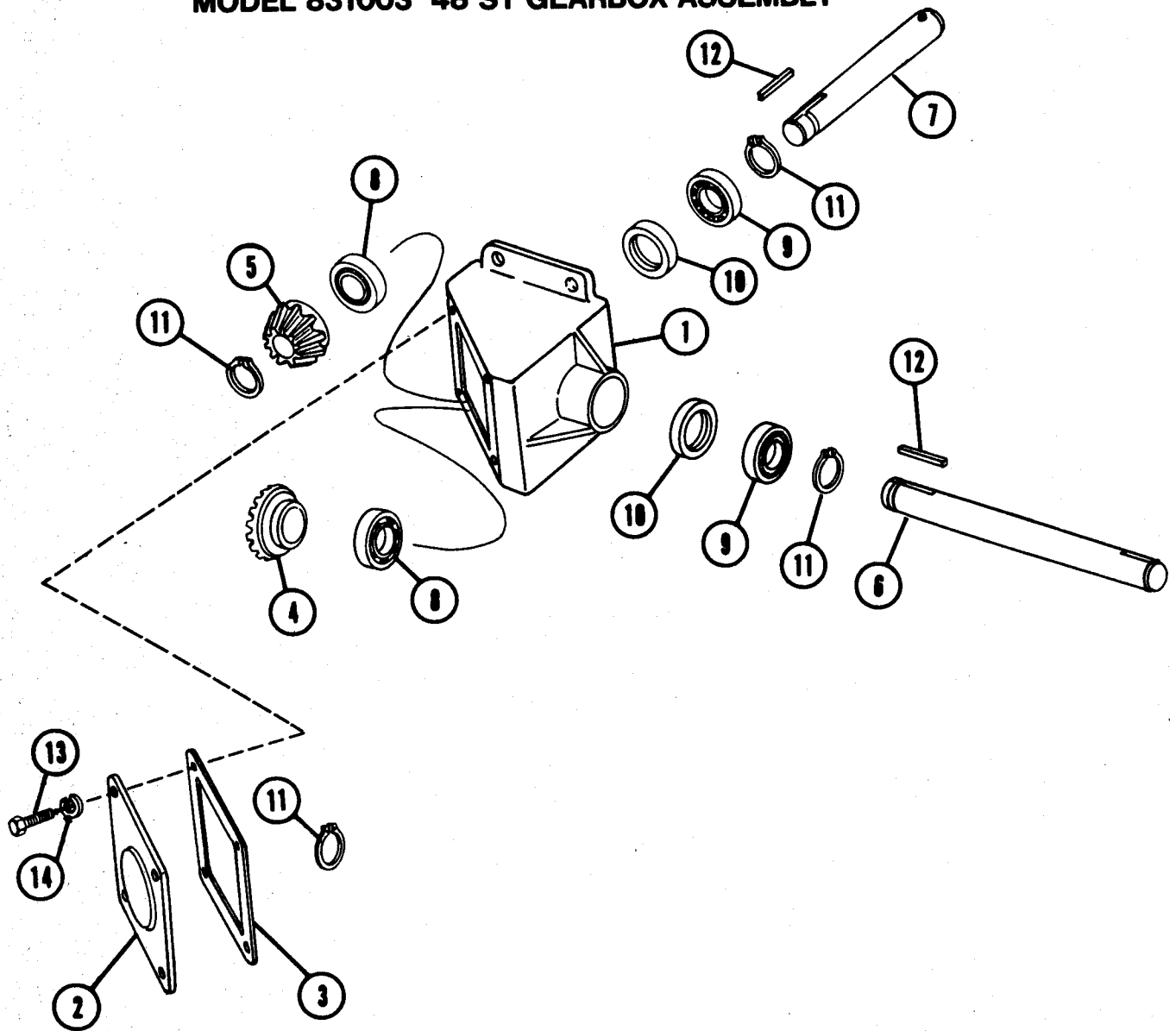
REF. NO.	PART NO.	DESCRIPTION	831003
1	531016	AUGER HOUSING, W/Decal	1
2	031365	AUGER	1
3	054111	BEARING	2
4	029224	MOUNTING PLATE	2
5	064009	WASHER, Flat, 3/4"	AR
6	059154	CAP SCREW, 3/8-16 x 3/4" H.H. Gr. 5	8
7	063021	LOCKWASHER, 3/8"	13
8	029225	SKID SHOE	2
9	062010	CARRIAGE BOLT, 3/8-16 x 3/4"	7
10	064008	WASHER, Flat 3/8"	8
11	065018	NUT, Hex, 3/8-16	9
12	031367	WEAR PLATE	1
13	062011	CARRIAGE BOLT, 5/16-18 x 3/4"	8
14	063003	LOCKWASHER, 5/16"	13
15	065015	NUT, Hex 5/16-18	13
16	029226	SHROUD	1
17	529010	DEFLECTOR W/Decal	1
18	059155	CAP SCREW, 1/4-20 x 1/2", H.H. Gr. 5	2
19	065070	LOCKNUT, 1/4-20	2
20	029228	LOCKING LEVER	2
21	064147	WASHER, Special	2
22	029229	SPOUT RING HOLDER	3
23	062034	CARRIAGE BOLT, 5/16-18 x 3/4	5
24	029230	DISC CONTROL COIL	1
25	083142	SPRING	1
26	029231	SPLIT SPACER	1
27	029232	BRACKET	1
28	031268	JOINT BLOCK	1
29	067001	PIN, Cotter, 3/32 x 3/4	3
30	054113	FLANGETTE	2
31	054112	BEARING	1
32	031368	CHUTE CONTROL HANDLE	1
33	031369	SUPPORT	1
34	062028	CARRIAGE BOLT, 3/8-16 x 1, Gr. 5	2
35	065023	WING NUT, 3/8-16	2
36	031371	PTO SHIELD	1
37	074046	TAPTITE, 1/4-20 x 1/2, H.H.	4
38	029239	BAR	2
39	031411	SHIELD	1
40	074050	TAPTITE, 1/4-20 x 1/2, Type BF	2
41	078252	ARIENS SCRIPT NAME PLATE	1
42	078291	DECAL, Caution	1
43	078298	DECAL, Warning	1
44	075074	SHEAR BOLT HOLDER	1
45	631046	SPRING & CHAIN ASS'Y	2

MODEL 831003 48 ST DRIVE ASSEMBLY, SHEAR HUB AND ATTACHING GROUP



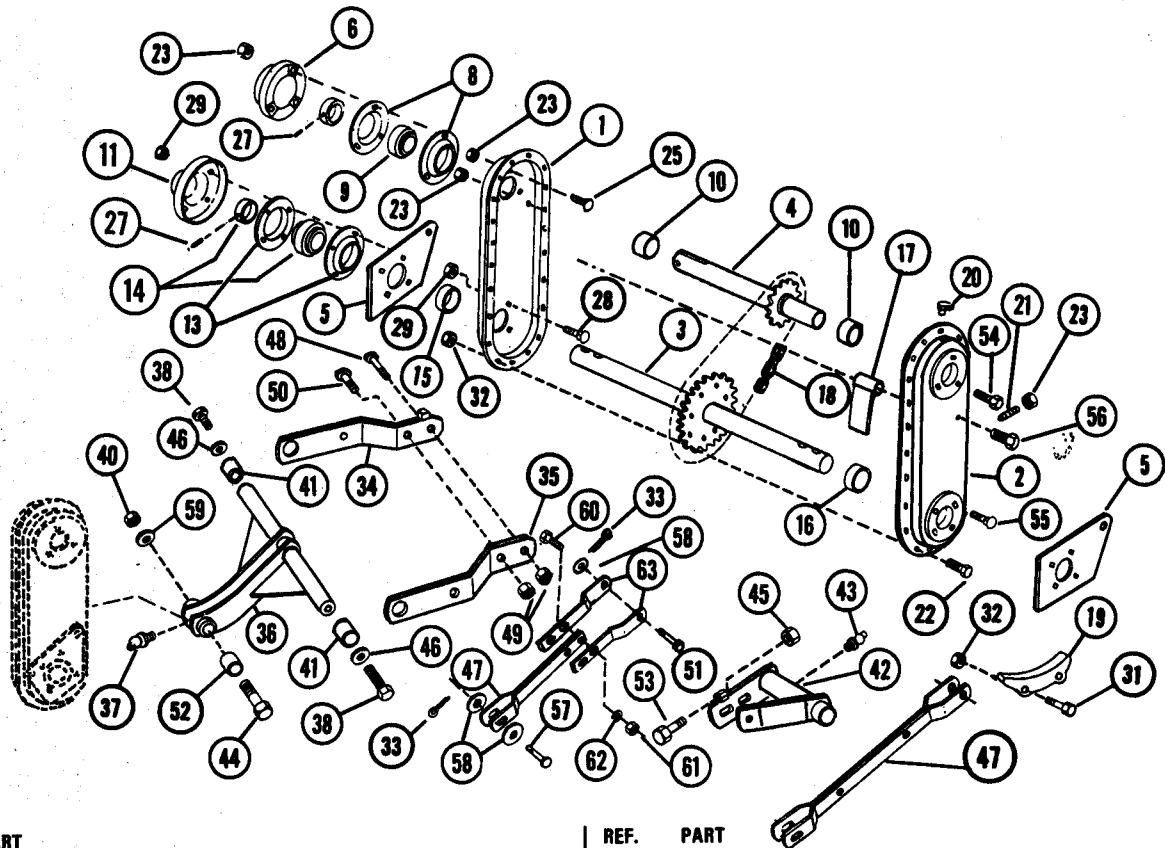
REF NO.	PART NO.	DESCRIPTION	QTY.
1	631050	GEAR BOX ASS'Y (See page 7)	1
2	059133	CAP SCREW, 3/8-16 x 1-1/4" H.H. Gr. 5	4
3	063021	LOCKWASHER, 3/8"	4
4	065018	NUT, Hex, 3/8-16	4
5	631048	UNIVERSAL SHAFT ASS'Y	1
6	059162	CAP SCREW, 1/4-20 x 2", H.H. Gr. 5	1
7	065070	LOCKNUT, 1/4" - 20	1
8	067030	PIN, Cotter, 3/16 x 3-1/4	1
9	031372	LIFT STRAP	1
10	064003	WASHER, Flat, 1/2"	4
11	067022	HAIRPIN COTTER, .148 x 2-3/4	4
12	067029	HAIRPIN COTTER	2
13	029250	CHAIN	1
14	066003	KEY, Woodruff No. 9	1
15	060004	SETSCREW, 5/16-18 x 3/8	1
16	031371	SHIELD	1
17	031374	SHEAR HUB	1
18	031373	SPROCKET	1
19	055197	SLEEVE BUSHING	1
20	057064	SNAP RING	1
21	531025	SHEAR BOLT AND NUT	1

MODEL 831003 48 ST GEARBOX ASSEMBLY



REF NO.	PART NO.	DESCRIPTION	QTY.
1	031461	HOUSING	1
2	031462	LID	1
3	031463	GASKET	1
4	031469	BEVEL GEAR OUTPUT	1
5	031471	BEVEL GEAR INPUT	1
6	031470	OUTPUT SHAFT	1
7	031472	INPUT SHAFT	1
8	054118	BALL BEARING	2
9	054119	BALL BEARING	2
10	056080	OIL SEAL	2
11	057012	SNAP RING	4
12	066031	KEY, 3/16" Lg. x 11/16"	2
13	059028	CAPSCREW 1/4" -20 x 1/2"	4
14	063002	LOCK WASHER, 1/4"	4

34" TILLER MODEL 831006 DRIVE CHAIN, HOUSING AND REAR LINKAGE



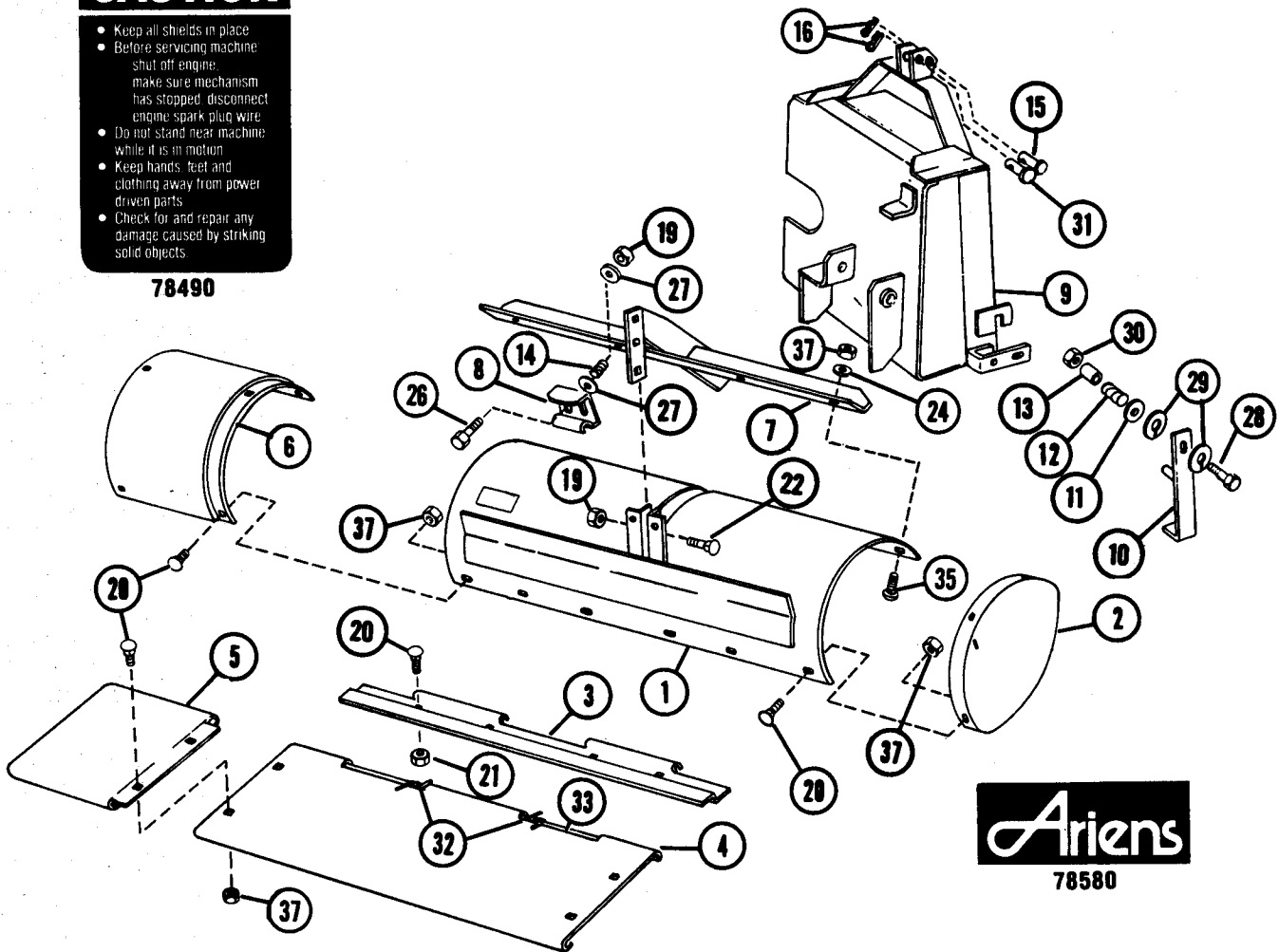
REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D	REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	031435	Chain Housing, L.H.	1	34	031412	Upper Link Arm, L.H.	1
2	031434	Chain Housing, R.H.	1	35	031413	Upper Link Arm, R.H.	1
3	031442	Lower Shaft Weld	1	36	031405	Lower Arm Weld	1
4	031436	Upper Shaft Weld	1	37	031406	Grease Fitting, 1/8 x 67-1/2°	1
5	031445	Lower Link Plate	2	38	059146	Cap Screw, Hex Head, 1/2 x 1-1/4	2
6	031438	Pivot Hub	2	40	065021	Hex Nut, 1/2	1
8	054116	Flangette	4	41	031407	Spacer	2
9	054115	Ball Bearing	2	42	031799	Upper Link Weld Assembly	1
10	031437	Pipe Spacer, Upper Shaft	2	43	022093	Grease Fitting, 1/4 Straight Self Tapping	1
11	031446	Bearing Guard Cap	2	44	059167	Cap Screw, Hex Head, 1/2 x 3-1/2	1
13	054117	Flangette	4	45	065017	Hex Locknut, 1/2	1
14	054043	Ball Bearing, Includes:	2	46	064144	Special Washer	2
	031441	Locking Collar	2	47	031802	Lift Link	1
15	031443	Spacer Tine Shaft, Long	1		31379	LIFT LINK	1
16	031444	Spacer Tine Shaft, Short	1	48	059166	Cap Screw, HH, 5/8" x 3-1/2" UNF, Sp. Gr. 5	1
17	031440	Paddle Chain Tightener	1	49	065002	Hex Jam Nut, 5/8	2
18	031439	Chain, RD60, 50 Links	1	50	059165	Cap Screw, HH, 5/8" x 2" UNF, Sp. Gr. 5	1
19	031447	Wear Bar	2	51	031381	Pin	1
20	031449	Oil Hole Cover	1	52	031408	Bushing	1
21	060032	Hex Socket Setscrew, 5/16" x 1-1/2"	1	53	059164	Cap Screw, HH, 1/2" x 2-1/2" Full Thread	1
22	059155	Cap Screw, Grade 5, 5/16 x 1/2	11	54	059083	Cap Screw, 1/4-20 x 1 Gr. 5	3
23	065042	Hex Locknut, 5/16-18	14	55	062012	Carriage Bolt, 1/4-20 x 3/4	7
25	062044	Carriage Bolt, 5/16 x 1-1/2	6	56	059170	Cap Screw, 5/16-18 x 2 Gr. 5	1
27	060006	Hex Socket Setscrew, 5/16 x 1/4	2	57	031460	Pin	1
28	062043	Carriage Bolt, 3/8 x 1-1/2	8	58	064043	Washer, 3/8	3
29	065039	Hex Locknut, 3/8	16	59	064003	Washer	1
31	059174	Cap Screw, Hex Head, 1/4 x 2, Gr. 5	2	60	059005	Cap Screw, 3/8-16 x 1-1/4	2
32	065070	Hex Locknut, 1/4	24	61	065018	Nut	2
33	067029	Hairpin Cotter	2	62	063004	Lockwasher	2
				63	031801	Link	2

34" TILLER MODELA 831005 & 831006 SHROUDING, LEVELER BLADE, TRACTOR MOUNT & KICKSTAND

CAUTION

- Keep all shields in place
- Before servicing machine:
shut off engine;
make sure mechanism
has stopped; disconnect
engine spark plug wire
- Do not stand near machine
while it is in motion
- Keep hands, feet and
clothing away from power
driven parts
- Check for and repair any
damage caused by striking
solid objects

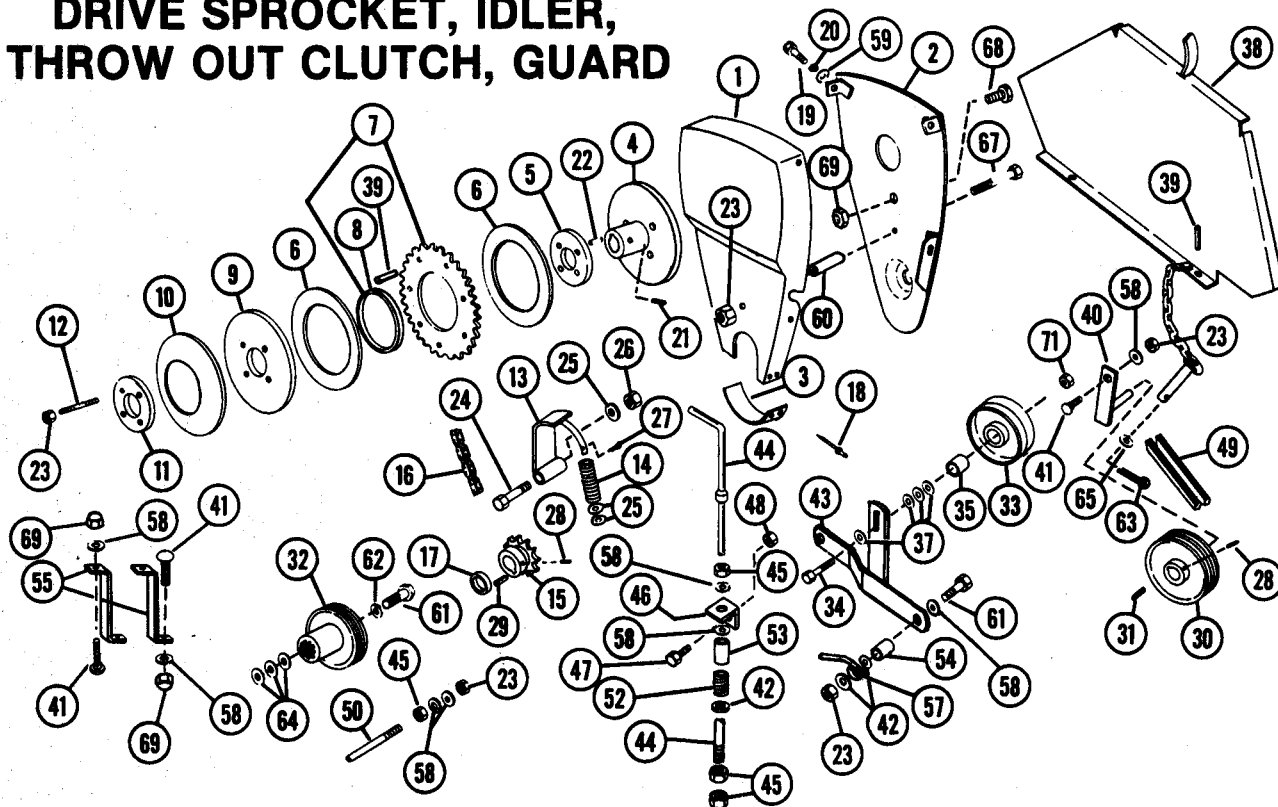
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REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D	REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	531015	Shroud	1	19	065070	Hex Locknut, 1/4"	5
2	031457	Shroud End Cover	2	20	062046	Carriage Bolt, 5/16" x 3/4"	19
3	031422	Hinge Plate	1	21	065042	Hex Locknut, 5/16"	4
4	031474	Leveler Blade Assembly	1	22	062042	Carriage Bolt, 1/4" x 3/4" Gr. 5	3
5	031456	Leveler Blade Extension	1	24	064123	Plain Washer, 5/16"	4
6	031455	Shroud Extension	1	26	059148	Cap Screw, Hex Head, 1/4" x 1-3/4"	2
7	031424	Shroud Brace	1	27	064127	Plain Washer, 1/4"	4
8	031425	Latch	1	28	059030	Cap Screw, 3/8-16 x 2-1/4" Gr. 2	2
9	031796	Tiller Frame	1	29	063021	Washer, 3/8" Lock	4
10	031380	Kickstand Weld	2	30	065018	Locknut, 3/8"-16	2
11	031383	Spacer	2	31	031391	Pin	1
12	083138	Spring	2	32	083145	Spring	2
13	031382	Spacer	2	33	031468	Rod	2
14	083144	Spring	2	35	062041	Carriage Bolt	4
15	031385	Shield Retainer Pin	1	37	065095	Crown Nut	15
16	067029	Hairpin Cotter	2	38	064108	Washer, 1/4"	1

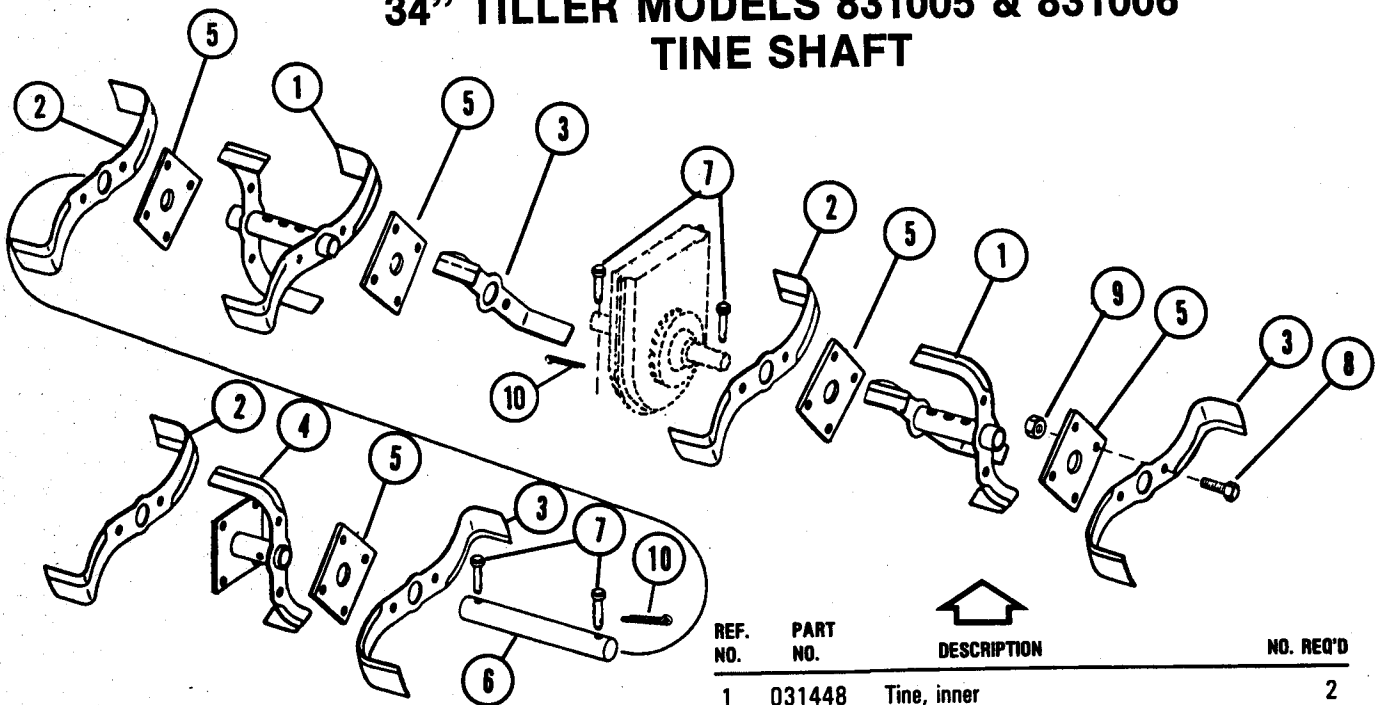
34" TILLER MODELS 831005 & 831006

DRIVE SPROCKET, IDLER, THROW OUT CLUTCH, GUARD



REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D	REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	031417	Outer Chain Guard	1	34	059144	Cap Screw, HH, 1/2" x 2-1/2" Gr. 5	1
2	031414	Inner Chain Guard	1	35	031395	Spacer	1
3	031423	Plastic Shield	1	37	064003	Washer, 1/2"	4
4	031427	Hub Assembly	1	38	031418	Guard	1
5	031428	Spacer Ring	1	39	058057	Roll Pin, 5/16" x 3/4"	3
6	031432	Clutch Friction Disc	2	40	031400	Belt Guide	1
7	631058	Sprocket	1	41	062028	Carriage Bolt, 3/8 x 1	3
8	055092	Bushing	1	42	064145	Washer, 3/8	3
9	031429	Outer Disc	1	43	031386	Idler Arm	1
10	031430	Belleville Washer	1	44	031897	Lever	1
11	031431	Spring Deflector Ring	1	45	065018	Nut, Hex 3/8	4
12	031433	Stud	4	46	031396	Angle, Lever Mount	1
13	031420	Chain Tightner Paddle	1	47	059082	Cap Screw, HH, 1/4" x 3/4"	1
14	083143	Spring	1	48	065070	Locknut, Hex, 1/4"	1
15	031402	Sprocket, 10T	1	49	072105	"V" Belt (Matched Set of 2)	1
16	031404	Drive Chain	1	50	031401	Rod, Belt Guide	1
17	031403	Sprocket Spacer	1	52	083139	Lever Spring	1
18	068039	Rivet	2	53	031397	Lever Spacer	1
19	059168	Cap Screw, HH, 5/16 x 1/2" Gr. 5	2	54	031387	Bushing, Idler Arm	1
20	063003	Lockwasher, 5/16	2	55	031394	Bracket, Idler	2
21	060004	Setscrew, Hex Socket 5/16 x 1/4"	1	57	031393	Belt Finger	2
22	066018	Key, Square 1/4" x 1-3/4"	1	58	064008	Washer 3/8	8
23	065098	Locknut, Hex 3/8	8	59	064002	Washer 5/16	2
24	059169	Cap Screw, HH 5/16 x 2-1/4" Gr. 5	1	60	031419	Spacer	1
25	064123	Washer, 5/16	4	61	059030	Cap Screw, 3/8-16 x 2-1/4" Gr. 2	2
26	065042	Locknut, Hex 5/16	1	62	063004	Lockwasher, 3/8	1
27	067024	Pin, Cotter, 1/8" x 3/4"	1	63	067012	Cotter Pin	1
28	060032	Setscrew, Hex Socket 5/16" x 1/2"	4	64	030029	Spacer	AR
29	066013	Key, Square 3/16 x 1	1	65	064064	Washer, 3.4 I.D. x 1-3/8 O.D. x 1/8"	1
30	031392	Sheave	1	67	059160	Cap Screw, 3/8-16 x 2-3/4" Gr. 5	1
31	066023	Key, Square 3/16" x 1-3/4"	1	68	061048	Machine Screw, 5/16-18 x 1 F.H.	1
32	531110	Pulley, PTO	1	69	065095	Crown Locknut, 5/16-18	3
33	073065	Idler	1	71	065046	Locknut	1

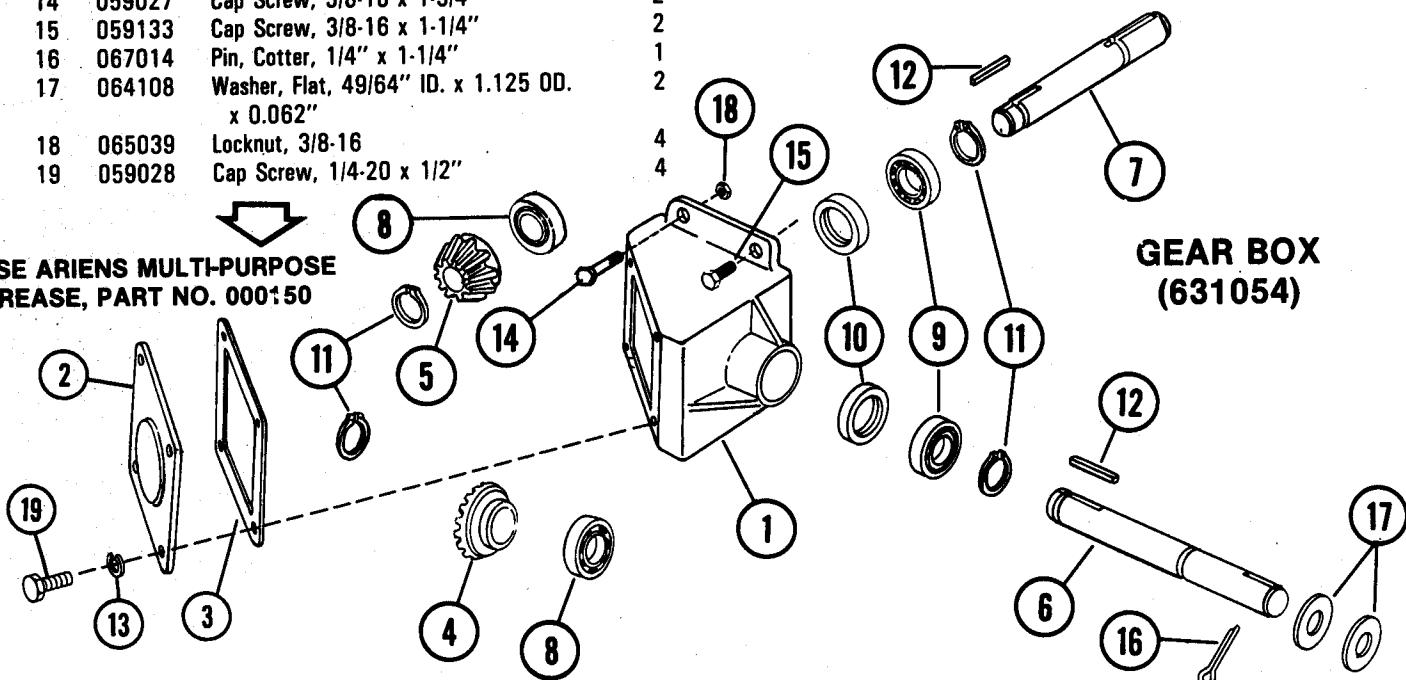
34" TILLER MODELS 831005 & 831006 TINE SHAFT



REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	031448	Tine, inner	2
2	031450	Tine, L.H.	3
3	031451	Tine, R.H.	3
4	031452	Tine Extension	1
5	031453	Plate	5
6	031454	Shaft Extension	1
7	031458	Pin, Tine Tube Connector	6
8	059026	Cap Screw, Hex Head, 7/16" x 1"	22
9	065019	Locknut, 7/16"	22
10	067004	Pin, Cotter, 1/8" x 1"	6

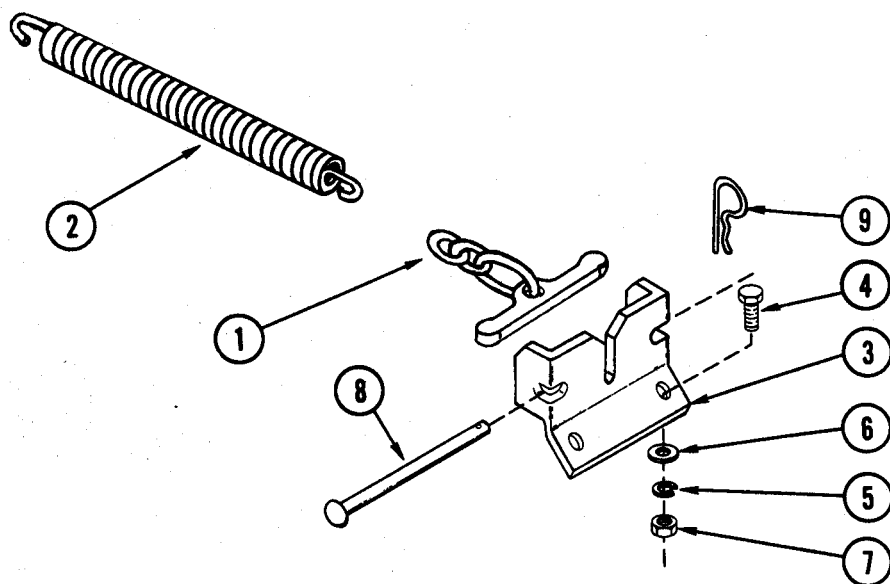
REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
	631054	Gearbox Assembly	1
1	031461	Housing	1
2	031462	Lid	1
3	031463	Gasket	1
4	031464	Output Gear	1
5	031465	Input Gear	1
6	031466	Output Shaft	1
7	031467	Input Shaft	1
8	054118	Bearing, Ball	2
9	054119	Bearing, Ball	2
10	056080	Seal, Oil	2
11	057012	Ring, Retaining	4
12	066031	Key, Ht.	2
13	063002	Lockwasher, 1/4" Std.	4
14	059027	Cap Screw, 3/8-16 x 1-3/4"	2
15	059133	Cap Screw, 3/8-16 x 1-1/4"	2
16	067014	Pin, Cotter, 1/4" x 1-1/4"	1
17	064108	Washer, Flat, 49/64" ID. x 1.125 OD. x 0.062"	2
18	065039	Locknut, 3/8-16	4
19	059028	Cap Screw, 1/4-20 x 1/2"	4

USE ARIENS MULTI-PURPOSE
GREASE, PART NO. 000150

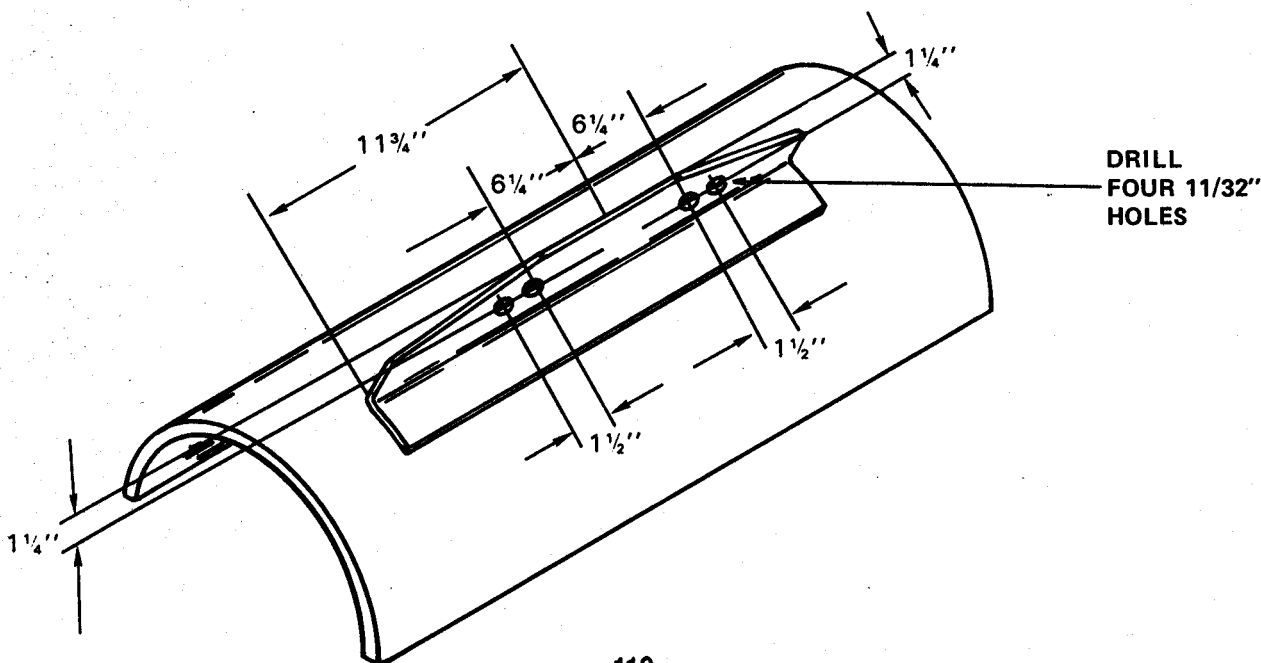


GEAR BOX
(631054)

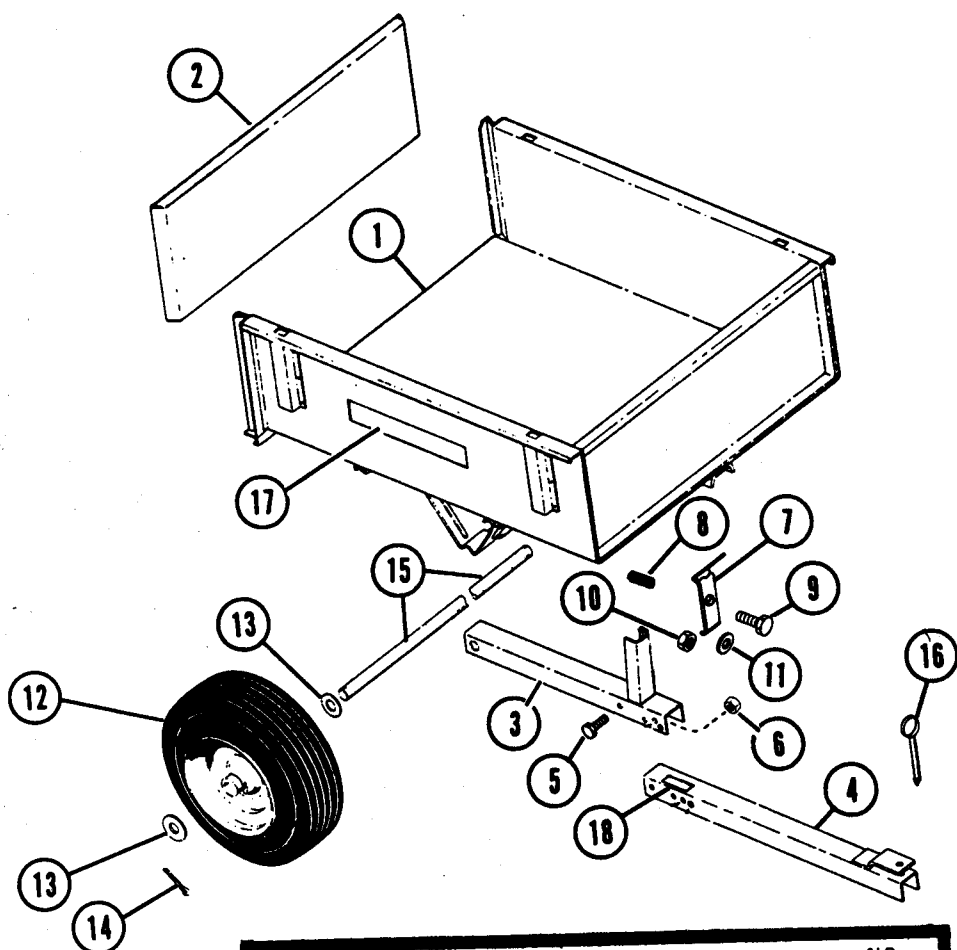
HAND LIFT ASSIST MODEL 731017 FOR USE ON 34" TILLER MODEL 831006



REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	031732	Chain	2
2	083166	Spring	2
3	031733	Chain Hook	2
4	059022	Cap Screw, HH, 5/16-18 x 3/4"	4
5	063003	Lockwasher, 5/16"	4
6	064002	Washer, Flat, 5/16" Std.	4
7	065015	Nut, Hex, 5/16-18	4
8	025317	Pin, Clevis	2
9	067033	Hair Pin Cotter	2

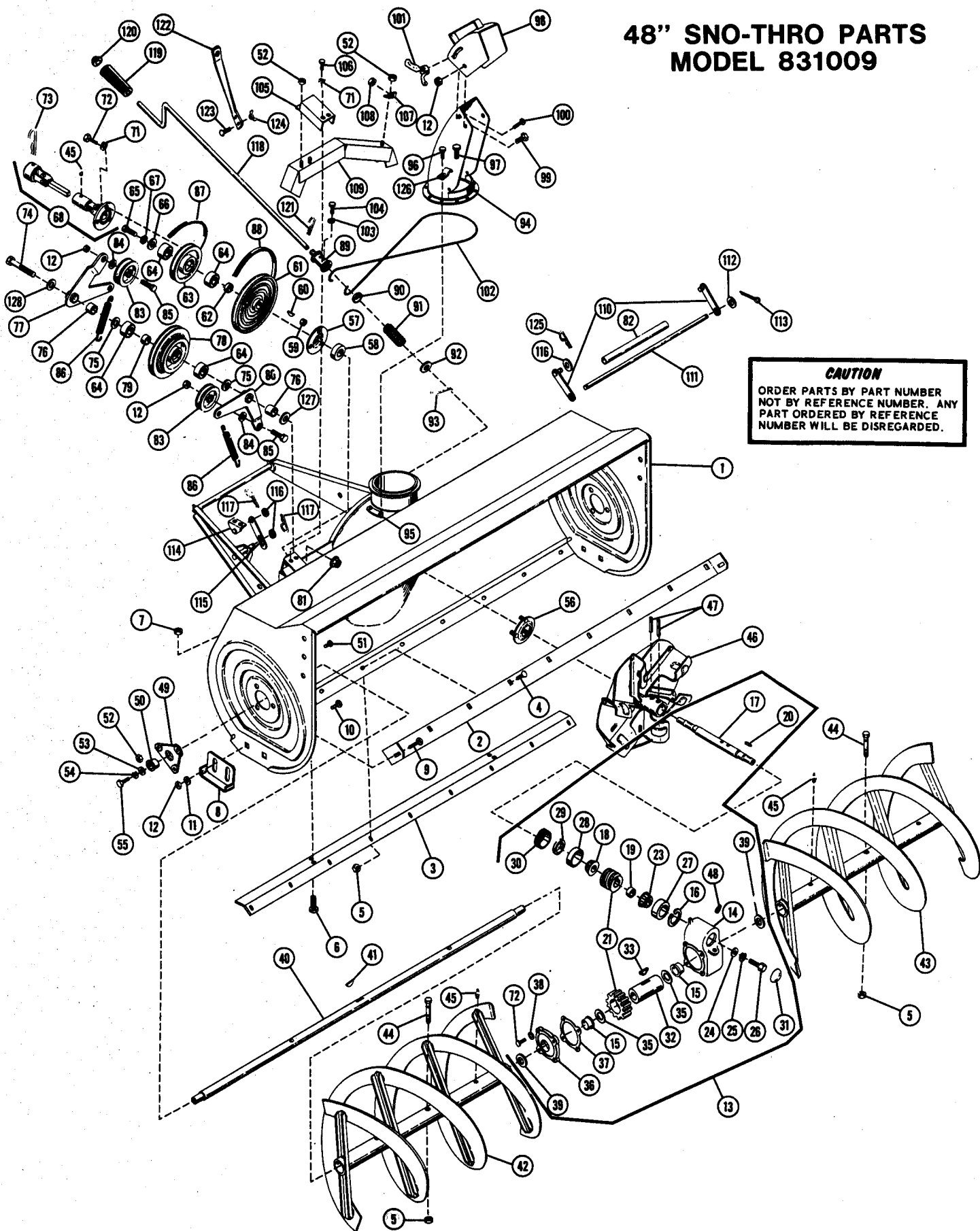


DUMP TRAILER-8DT - MODEL 831007



REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	031349	BOX	1
2	031350	TAILGATE	1
3	031351	TONGUE	1
4	031352	HITCH	1
5	059154	CAP SCREW, 3/8-16 x 3/4, H.H. Grade 5	4
6	065098	LOCKNUT, 3/8-16 UNC	4
7	031353	LOCK LEVER	1
8	083135	SPRING, Compression	1
9	059163	CAP SCREW, 5/16-18 x 2-1/2, H.H. Gr. 5	1
10	065101	NUT, 5/16-18	1
11	064002	WASHER, Flat, 5/16"	1
12	631047	TIRE & WHEEL ASSEMBLY	2
		Consisting of:	
		1 - 71108 Rim	
		1 - 71109 Tire	
		2 - 55094 Bushings	
		1 - 10352 Zerk	
13	064006	WASHER, Flat, 1"	4
14	067031	PIN, Cotter, 3/16 x 1-3/4	2
15	031354	SHAFT	1
16	031410	PIN, Locking	1
17	078295	DECAL, Ariens	2
18	081162	LABEL, Serial No.	1

48" SNO-THRO PARTS MODEL 831009



CAUTION

ORDER PARTS BY PART NUMBER
NOT BY REFERENCE NUMBER. ANY
PART ORDERED BY REFERENCE
NUMBER WILL BE DISREGARDED.

48" SNO-THRO PARTS LIST MODEL 831009

REF. NO.	PART NO.	DESCRIPTION	QTY	REF. NO.	PART NO.	DESCRIPTION	QTY
				No DE REF.	No DE PIÉCE		
1	531077	SNO-THRO HOUSING, 48" w/Decals	1	64	054073	RADIAL BEARING	4
2	031857	SCRAPER BLADE	1	65	059004	CAP SCREW, 3/8-16 x 1 Gr. 2 HHPL	1
3	031858	SCRAPER BLADE BRACE	1	66	064008	WASHER, 3/8 Std. x 1 x .083 PL	1
4	062011	CARRIAGE BOLT, 5/16-18 x 3/4	8	67	063021	LOCKWASHER	1
5	065042	LOCKNUT	10	68	631128	UNIVERSAL SHAFT ASSEMBLY	1
6	059154	CAP SCREW, 3/8-16 x 3/4 Gr. 5 Hex Head, Plated	4	71	063002	LOCKWASHER	5
7	065122	LOCKNUT	4	72	059001	CAP SCREW, 1/4-20 x 3/4 Gr. 2 HHPL	7
8	029225	SKID SHOE	2	73	067030	PIN HAIR, INT, 3/16 x 3-1/4 PL	1
9	062013	CARRIAGE BOLT, 3/8-16 x 1 SHRT PL	2	74	059182	CAP SCREW, 3/4-10 x 5 Gr. 2 HH	1
10	062010	CARRIAGE BOLT, 3/8-16 x 3/4 SHRT PL	2	75	064048	WASHER, .750/760 x 1.375 x .062 PL	2
11	064002	WASHER, 5/16 Std. x 7/8 x .083 PL	4	76	055104	SPACER	2
12	065039	LOCKNUT	8	77	031865	IDLER ARM	1
13	531082	BLOWER GEAR CASE ASSEMBLY	1	78	031866	SHEAVE	1
14	031879	GEAR CASE	1	79	031867	SPACER BEARING	1
15	055059	BUSHING, Flanged 1-5/8 x 1-7/8 x 11/16	2	80	031868	IDLER ARM	1
16	057032	SNAP-RING INT 1-29/32 x .062	1	81	065125	FLANGE LOCKNUT	1
17	031880	WORMSHAFT	1	82	031896	TUBE	1
18	054069	BEARING CONE	1	83	073054	IDLER	2
19	031881	BEARING SPACER	1	84	064131	WASHER, .401/.421 x 7/8 x 10 Ga.	2
20	066013	KEY- Straight 3/16 x 3/16 x 1	1	85	059005	CAP SCREW, 3/8-16 x 1-1/4 Gr. 2 HHPL	2
21	531078	WORM & GEAR	1	86	083126	EXTENSION SPRING	2
22	002005	BEARING SPACER	1	87	072095	V BELT	1
23	054045	BEARING CONE	1	88	072096	V BELT	1
24	064082	WASHER, .323/.333 x 1.000 x .094	1	89	031869	SPOOL	1
25	063003	LOCKWASHER	1	90	031891	SPHERICAL WASHER	1
26	059022	CAP SCREW, 5/16-18 x 3/4 Gr. 2 HHPL	1	91	083169	COMPRESSION SPRING	1
27	054044	BEARING CUP	1	92	064139	WASHER, 41/64 I.D. x 1-1/4 O.D. x 3/16	1
28	054070	BEARING CUP	1	93	067014	COTTER PIN, 1/8 x 1-1/4 PL	1
29	056046	SEAL	1	94	031870	DISCHARGE CHUTE	1
30	031882	ADJUSTMENT PLUG	1	95	010438	CHUTE CLAMP	4
31	004037	DUST CAP	1	96	074054	TAPTITE	6
32	031883	GEAR CASE SHAFT	1	97	074027	TAPTITE	2
33	066035	T KEY	1	98	510012	DEFLECTOR CHUTE	1
35	064087	WASHER, 1.623/1.627 x 2.500 x .012	2	99	059023	CAP SCREW, 3/8-16 x 3/4 Gr. 2 HHPL	2
36	024013	GEAR CASE COVER	1	100	062010	CARRIAGE BOLT, 3/8-16 x 3/4 SHRT PL	1
37	002008	GASKET	1	101	010193	WING NUT	1
38	063017	LOCKWASHER	4	102	031871	CABLE	1
39	056070	SEAL	2	103	063023	LOCKWASHER	2
40	031885	RAKE SHAFT	1	104	070022	FLANGE WHIZLOCK SCREW, 1/4-20 x 5/8	2
41	066008	KEY, Woodruff SAE A 1/4 x 7/8	1	105	031872	COVER	1
42	531080	RIGHT RAKE w/Zerks	1	106	059028	CAP SCREW	2
43	531079	LEFT RAKE w/Zerks	1	107	031892	CLIP	1
44	531081	SHEAR BOLT w/Nut	2	108	065078	FLANGE WHIZLOCK NUT	1
45	022093	SPIN DRIVE ZERK FITTING	4	109	031873	BELT GUARD	1
46	031889	FAN	1	110	031874	LIFT STRAP	2
47	058015	PIN-ROLL, 5/16 x 1-3/4	2	111	031875	SHAFT	1
48	001138	PIPE PLUG	1	112	064140	WASHER, 5/8 Standard x 1-3/4 x .134	2
49	010184	BEARING SUPPORT	2	113	067014	COTTER PIN, 1/8 x 1-1/4 PL	2
50	055035	BUSHING, Flanged, 1 x 1-1/8 x 5/8 BR	2	114	031876	LIMITING POST	1
51	070011	RIBBED NECK BOLT	6	115	031877	LIMITING ARM	1
52	065056	FLANGE WHIZLOCK NUT	9	116	064003	WASHER, 1/2 Std.	4
53	064047	WASHER, .506/.516 x 1.441 x 1/8 PL	2	117	067029	HAIR PIN, Int. 3/32 x 1-7/8 PL	2
54	063006	LOCKWASHER	2	118	031878	CHUTE CRANK	1
55	059024	CAP SCREW, 1/2 - 13 x 1 Gr 2 HHPL	2	119	075039	GRIP	1
56	031859	BEARING FLANGE	1	120	010198	CAP	1
57	031860	BEARING FLANGE	1	121	067010	HAIR PIN	1
58	054052	BALL BEARING	1	122	029257	SUPPORT	1
59	065040	LOCKNUT	3	123	062028	CARRIAGE BOLT, 3/8-16 x 1	2
60	066001	KEY, Woodruff SAE 11, 3/16 x 7/8	1	124	065023	WING NUT	2
61	073102	SHEAVE	1	125	067022	HAIR PIN	2
62	031861	SPACER	1	126	069003	CLAMP	1
63	031862	SHEAVE	1	127	064161	WASHER, 3/4 I.D. x 1.250 O.D. x .060/.063	1
				128	064119	WASHER, 25/32 I.D. x 1-1/4 O.D. x .025	1

DECALS 831009, 831010 (SERIAL NO. 000101-006000)



Ariens

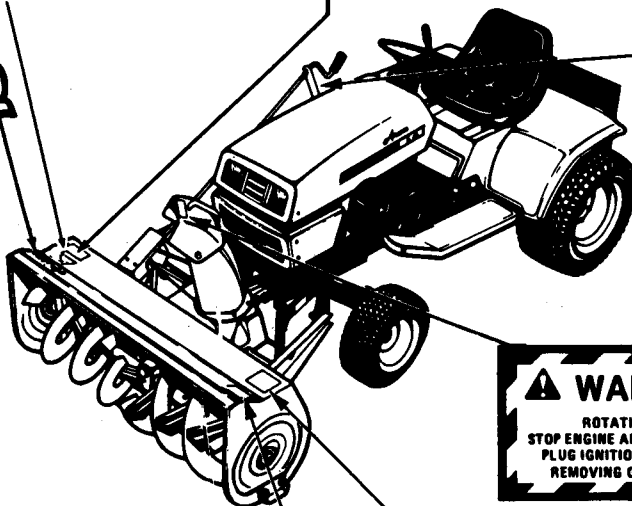
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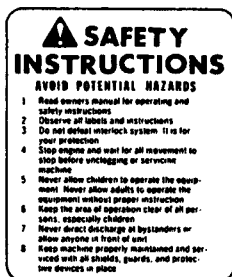
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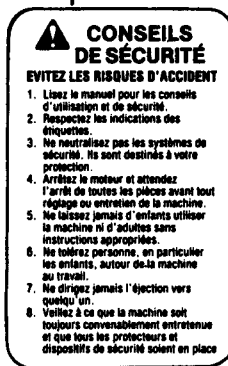
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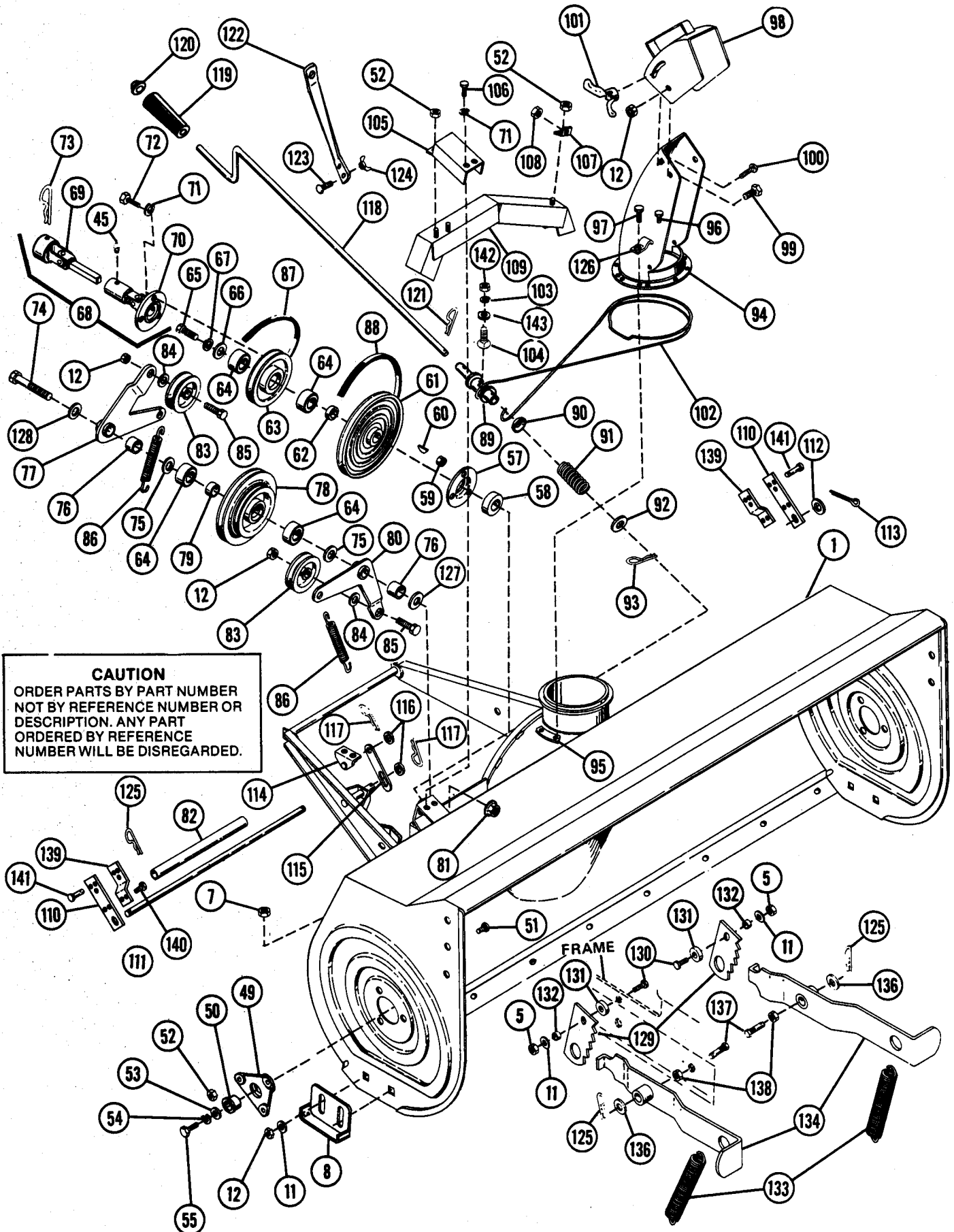
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ORDER ALL DECALS BY ARIENS PART
NUMBER SHOWN

Notes

48" SNO-THRO PARTS MODEL 831010

Serial No. 000101 - 006000



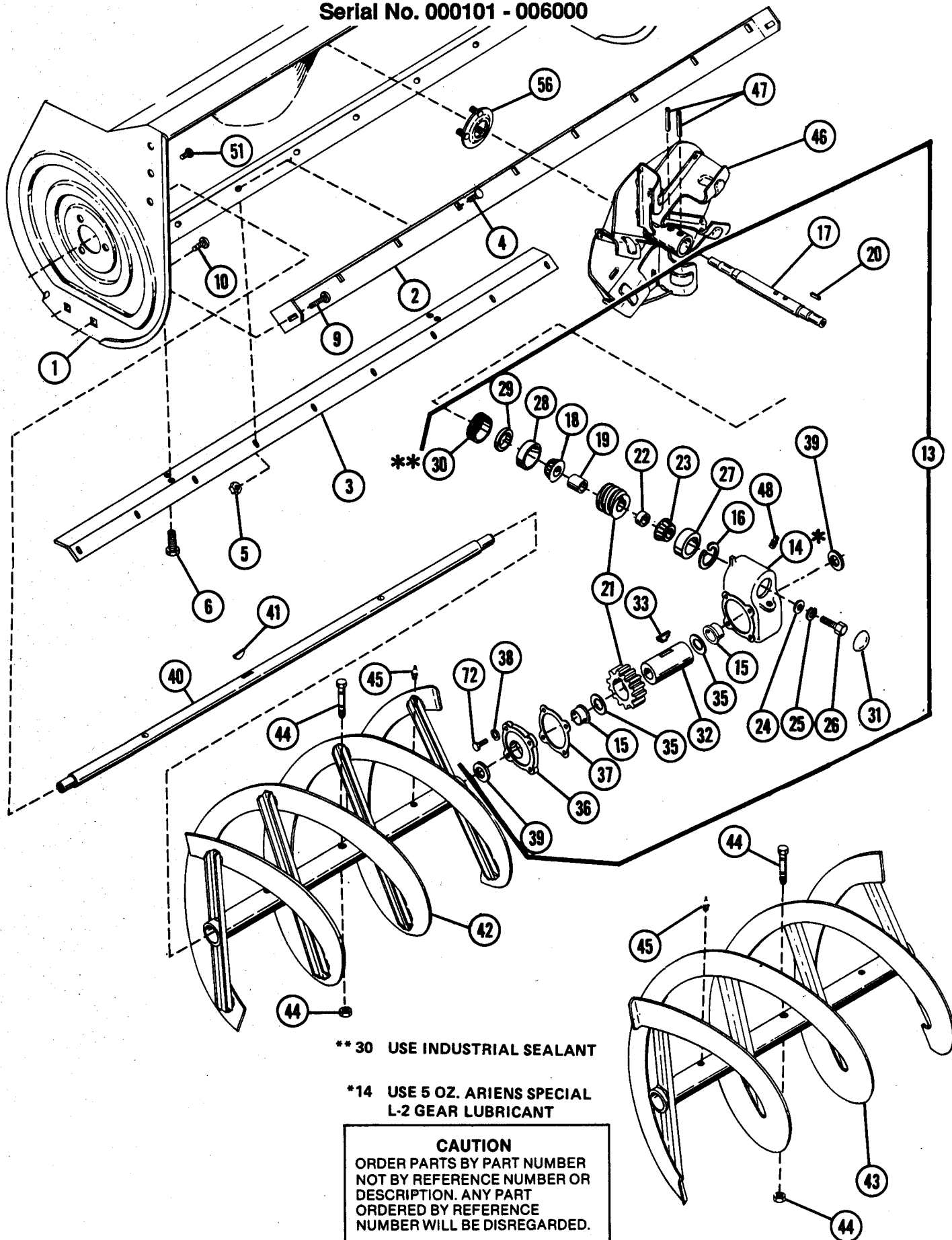
48" SNO-THRO PARTS LIST MODEL 831010

Serial No. 000101 - 006000

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D	REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	531077	SNO-THRO HOUSING, 48" w/Decals	1	96	074054	TAPTITE	6
5	065042	LOCKNUT	10	97	074027	TAPTITE	2
7	065122	LOCKNUT	4	98	531096	DEFLECTOR CHUTE	1
8	029225	SKID SHOE	2	99	059023	CAP SCREW, 3/8-16 x 3/4 Gr. 2 HHPL	2
11	064002	WASHER, 5/16 Std. x 7/8 x .083 PL	6	100	062010	CARRIAGE BOLT, 3/8-16 x 3/4 SHRT PL	1
12	065039	LOCKNUT	8	101	010193	WING NUT	1
45	022093	SPIN DRIVE ZERK FITTING	5	102	031871	CABLE	1
49	010184	BEARING SUPPORT	2	103	063023	LOCKWASHER	2
50	055035	BUSHING, Flanged 1 x 1-1/8 x 5/8 BR	2	104	062017	CARRIAGE BOLT, 1/4-20 x 5/8	2
51	070011	RIBBED NECK BOLT	6	105	031901	COVER	1
52	065056	FLANGE WHIZLOCK NUT	7	106	059028	CAP SCREW	2
53	064047	WASHER, .506/.516 x 1.441 x 1/8 PL	2	107	031892	CLIP	1
54	063006	LOCKWASHER	2	108	065078	FLANGE WHIZLOCK NUT	1
55	059024	CAP SCREW, 1/2 - 13 x 1 Gr 2 HHPL	2	109	031873	BELT GUARD	1
57	031860	BEARING FLANGE	1	110	031910	LIFT STRAP	2
58	054052	BALL BEARING	1	111	031875	SHAFT	1
59	065040	LOCKNUT	3	112	064140	WASHER, 5/8 Standard x 1-3/4 x .134	2
60	066001	KEY, Woodruff SAE 11, 3/16 x 7/8	1	113	067014	COTTER PIN, 1/8 x 1-1/4 PL	2
61	073102	SHEAVE	1	114	031876	LIMITING POST	1
62	031261	SPACER	1	115	031877	LIMITING ARM	1
63	031862	SHEAVE	1	116	064003	WASHER, 1/2 Std.	2
64	054073	RADIAL BEARING	4	117	067029	HAIR PIN, Int. 3/32 x 1-7/8 PL	2
65	059004	CAP SCREW, 3/8-16 x 1 Gr. 2 HHPL	1	118	031878	CHUTE CRANK	1
66	064008	WASHER, 3/8 Std. x 1 x .083 PL	1	119	075039	GRIP	1
67	063021	LOCKWASHER	1	120	010198	CAP	1
68	631128	UNIVERSAL SHAFT ASSEMBLY	1	121	067010	HAIR PIN	1
69	031863	UNIVERSAL HALF	1	122	031903	SUPPORT	1
70	031864	UNIVERSAL HALF	1	123	062029	CARRIAGE BOLT, 3/8-16 x 1	2
71	063002	LOCKWASHER	5	124	065023	WING NUT	2
72	059001	CAP SCREW, 1/4-20 x 3/4 Gr. 2 HHPL	7	125	067020	HAIR PIN	4
73	067030	PIN HAIR, INT, 3/16 x 3-1/4 PL	1	126	069003	CLAMP	1
74	059190	CAP SCREW, 3/4-10 x 5/8 Gr. 2 HH	1	127	064161	WASHER, 3/4 I.D. x 1.250 O.D. x .060/.063	1
75	064048	WASHER, .750/760 x 1.375 x .062 PL	2	128	064119	WASHER, 25/32 I.D. x 1-1/4 O.D. x .025	1
76	055104	SPACER	2	129	031920	LATCH	2
77	031865	IDLER ARM	1	130	059069	CAP SCREW	2
78	031866	SHEAVE	1	131	025135	SPACER	2
79	031867	BEARING SPACER	1	132	006071	SPACER	2
80	031868	IDLER ARM	1	133	083177	SPRING	2
81	065125	FLANGE LOCKNUT	1	134	031921	SPRING ARM	2
82	031896	TUBE	1	136	064096	WASHER, Flat, Special	2
83	073054	IDLER	2	137	012268	STUD	2
84	064131	WASHER, .401/.421 x 7/8 x 10 Ga.	2	138	065046	LOCKNUT	2
85	059005	CAP SCREW, 3/8-16 x 1-1/4 Gr. 2 HHPL	2	139	031911	SUPPORT	2
86	083126	EXTENSION SPRING	2	140	070015	FLANGE WHIZLOCK SCREW, 5/16-18 x 1/2	4
87	072095	V BELT	1	141	013315	CLEVIS PIN	2
88	072096	V BELT	1	142	065032	NUT, 1/4-20	2
89	031900	SPOOL	1	143	064127	WASHER	2
90	031891	SPHERICAL WASHER	1				
91	083169	COMPRESSION SPRING	1				
92	064139	WASHER, 41/64 I.D. x 1-1/4 O.D. x 3/16	1				
93	067014	COTTER PIN, 1/8 x 1-1/4 PL	1				
94	031930	DISCHARGE CHUTE	1				
95	010438	CHUTE CLAMP	4				

48" SNO-THRO PARTS MODEL 831010

Serial No. 000101 - 006000



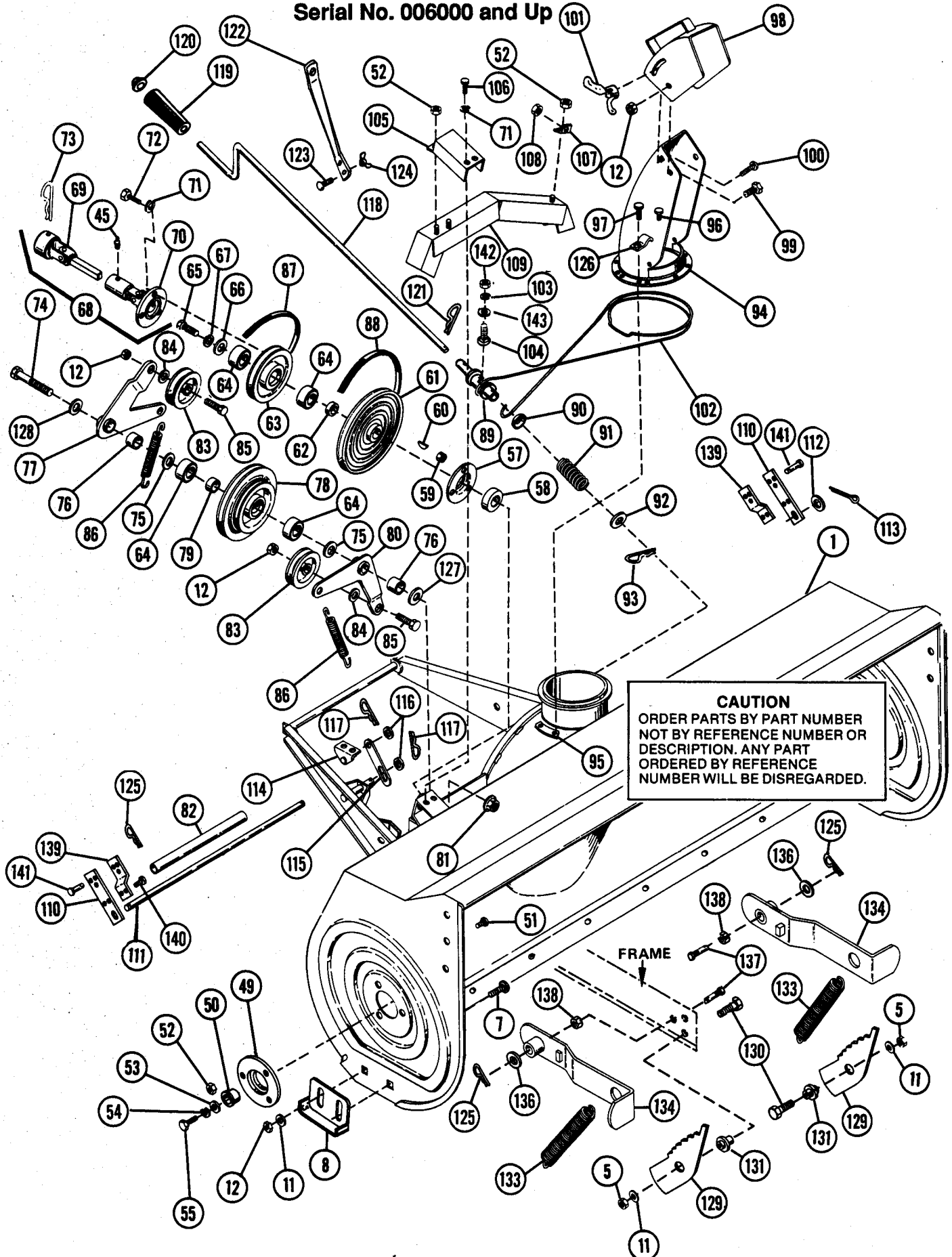
48" SNO-THRO PARTS LIST MODEL 831010

Serial No. 000101 - 006000

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D	REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	531077	SNO-THRO HOUSING, 48" w/Decals	1	28	054070	BEARING CUP	1
2	031954	SCRAPER BLADE	1	29	056046	SEAL	1
3	031858	SCRAPER BLADE BRACE	1	30	031882	ADJUSTMENT PLUG	1
4	062011	CARRIAGE BOLT, 5/16-18 x 3/4	8	31	004037	DUST CAP	1
5	065042	LOCKNUT	10	32	031883	GEAR CASE SHAFT	1
6	059154	CAP SCREW, 3/8-16 x 3/4 Gr. 5 Hex	4	33	066035	"T" KEY	1
9	062013	CARRIAGE BOLT, 3/8-16 x 1	2	35	064087	WASHER, 1.623/1.627 x 2.500 x .012	2
10	062010	CARRIAGE BOLT, 3/8-16 x 3/4	2	36	024013	GEAR CASE COVER	1
13	531082	BLOWER GEAR CASE ASSEMBLY	1	37	002008	GASKET	1
14	031879	GEAR CASE	1	38	063017	LOCKWASHER	4
15	055059	BUSHING, Flanged 1-5/8 x 1-7/8 x 11/16	2	39	056070	SEAL	2
16	057032	SNAP-RING INT 1-29/32 x .062	1	40	031885	RAKE SHAFT	1
17	031880	WORMSHAFT	1	41	066008	KEY, Woodruff SAE A 1/4 x 7/8	1
18	054069	BEARING CONE	1	42	531080	RIGHT RAKE, w/Zerks	1
19	031881	BEARING SPACER	1	43	531079	LEFT RAKE w/Zerks	1
20	066013	KEY, Straight 3/16 x 3/16 x 1	1	44	531081	SHEAR BOLT, w/Nut	2
21	531078	WORM & GEAR	1	45	022093	SPIN DRIVE ZERK FITTING	5
22	002005	BEARING SPACER	1	46	031889	FAN	1
23	054045	BEARING CONE	1	47	058015	PIN-ROLL, 5/16 x 1-3/4	2
24	064082	WASHER, .323/.333 x 1.000 x .094	1	48	001138	PIPE PLUG	1
25	063003	LOCKWASHER	1	51	070011	RIBBED NECK BOLT	6
26	059022	CAP SCREW, 5/16-18 x 3/4 Gr. 2 HHPL	1	56	031859	BEARING FLANGE	1
27	054044	BEARING CUP	1	72	059001	CAP SCREW, 1/4-20 x 3/4 Gr. 2 HHPL	7

48" SNO-THRO PARTS MODEL 831010

Serial No. 006000 and Up



48" SNO-THRO PARTS LIST MODEL 831010

Serial No. 006000 and Up

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D	REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	531077	SNO-THRO HOUSING, 48" w/Decals	1	96	074054	TAPTITE	6
5	065042	LOCKNUT	10	97	074027	TAPTITE	2
7	062010	CARRIAGE BOLT, 3/8- 16 x 3/4	2	98	531096	DEFLECTOR CHUTE	1
8	029225	SKID SHOE	2	99	059023	CAP SCREW, 3/8-16 x 3/4 Gr. 2 HHPL	2
11	064002	WASHER, 5/16 Std. x 7/8 x .083 PL	2	100	062010	CARRIAGE BOLT, 3/8-16 x 3/4 SHRT PL	1
12	065039	LOCKNUT	4	101	010193	WING NUT	1
45	022093	SPIN DRIVE ZERK FITTING	1	102	031871	CABLE	1
49	024374	BEARING SUPPORT	2	103	063023	LOCKWASHER	2
50	055035	BUSHING, Flanged 1 x 1-1/8 x 5/8 BR	2	104	062017	CARRIAGE BOLT, 1/4-20 x 5/8	2
51	070011	RIBBED NECK BOLT	6	105	031901	COVER	1
52	065056	FLANGE WHIZLOCK NUT	9	106	059028	CAP SCREW	2
53	064047	WASHER, .506/.516 x 1.441 x 1/8 PL	2	107	031892	CLIP	1
54	063006	LOCKWASHER	2	108	065078	FLANGE WHIZLOCK NUT	1
55	059024	CAP SCREW, 1/2 - 13 x 1 Gr 2 HHPL	2	109	031873	BELT GUARD	1
57	031860	BEARING FLANGE	1	110	031910	LIFT STRAP	2
58	054052	BALL BEARING	1	111	031875	SHAFT	1
59	065040	LOCKNUT	3	112	064140	WASHER, 5/8 Standard x 1-3/4 x .134	2
60	066001	KEY, Woodruff SAE 11, 3/16 x 7/8	1	113	067014	COTTER PIN, 1/8 x 1-1/4 PL	2
61	073102	SHEAVE	1	114	031876	LIMITING POST	1
62	031861	SPACER	1	115	031877	LIMITING ARM	1
63	031862	SHEAVE	1	116	064003	WASHER, 1/2 Std.	2
64	054120	RADIAL BEARING	4	117	067029	HAIR PIN, Int. 3/32 x 1-7/8 PL	2
65	059004	CAP SCREW, 3/8-16 x 1 Gr. 2 HHPL	1	118	031878	CHUTE CRANK	1
66	064008	WASHER, 3/8 Std. x 1 x .083 PL	1	119	075039	GRIP	1
67	063021	LOCKWASHER	1	120	010198	CAP	1
68	631128	UNIVERSAL SHAFT ASSEMBLY	1	121	067010	HAIR PIN	1
69	031863	UNIVERSAL HALF	1	122	031903	SUPPORT	1
70	031864	UNIVERSAL HALF	1	123	062029	CARRIAGE BOLT, 3/8-16 x 1	2
71	063002	LOCKWASHER	5	124	065023	WING NUT	2
72	059001	CAP SCREW, 1/4-20 x 3/4 Gr. 2 HHPL	3	125	067020	HAIR PIN	4
73	067030	PIN HAIR, INT, 3/16 x 3-1/4 PL	1	126	069003	CLAMP	1
74	059190	CAP SCREW, 3/4-10 x 5/8 Gr. 2 HH	1	127	064161	WASHER, 3/4 I.D. x 1.250 O.D. x .060/.063	1
75	064048	WASHER, .750/760 x 1.375 x .062 PL	2	128	064009	WASHER, SAE 3/4"	1
76	055104	SPACER	2	129	030193	SPRING ASSIST CONTROL	2
77	031865	IDLER ARM	1	130	059069	CAP SCREW	2
78	031866	SHEAVE	1	131	030191	SPACER	2
79	031867	BEARING SPACER	1	133	083177	SPRING	2
80	031868	IDLER ARM	1	134	030192	SPRING ARM	2
81	065125	FLANGE LOCKNUT	1	136	064096	WASHER, Flat, Special	2
82	031896	TUBE	1	137	012268	STUD	2
83	073054	IDLER	2	138	065046	LOCKNUT	2
84	064131	WASHER, .401/.421 x 7/8 x 10 Ga.	2	139	031911	SUPPORT	2
85	059005	CAP SCREW, 3/8-16 x 1-1/4 Gr. 2 HHPL	2	140	070015	FLANGE WHIZLOCK SCREW, 5/16-18	4
86	083126	EXTENSION SPRING	2	141	013315	CLEVIS PIN x 1/2	2
87	072095	V BELT	1	142	065032	NUT, 1/4-20	2
88	072096	V BELT	1	143	064127	WASHER	2
89	031900	SPOOL	1				
90	031891	SPHERICAL WASHER	1				
91	083169	COMPRESSION SPRING	1				
92	064139	WASHER, 41/64 I.D. x 1-1/4 O.D. x 3/16	1				
93	067014	COTTER PIN, 1/8 x 1-1/4 PL	1				
94	031930	DISCHARGE CHUTE	1				
95	010438	CHUTE CLAMP	4				

Serial No. 006000 and Up

Serial No. 655555 and up

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56

** 30 USE INDUSTRIAL SEALANT

* 14 USE 5 OZ. ARIENS SPECIAL L-2 GEAR LUBRICANT

CAUTION
ORDER PARTS BY PART NUMBER
NOT BY REFERENCE NUMBER OR
DESCRIPTION. ANY PART
ORDERED BY REFERENCE
NUMBER WILL BE DISREGARDED.

***14 USE 5 OZ. ARIENS SPECIAL
L-2 GEAR LUBRICANT**

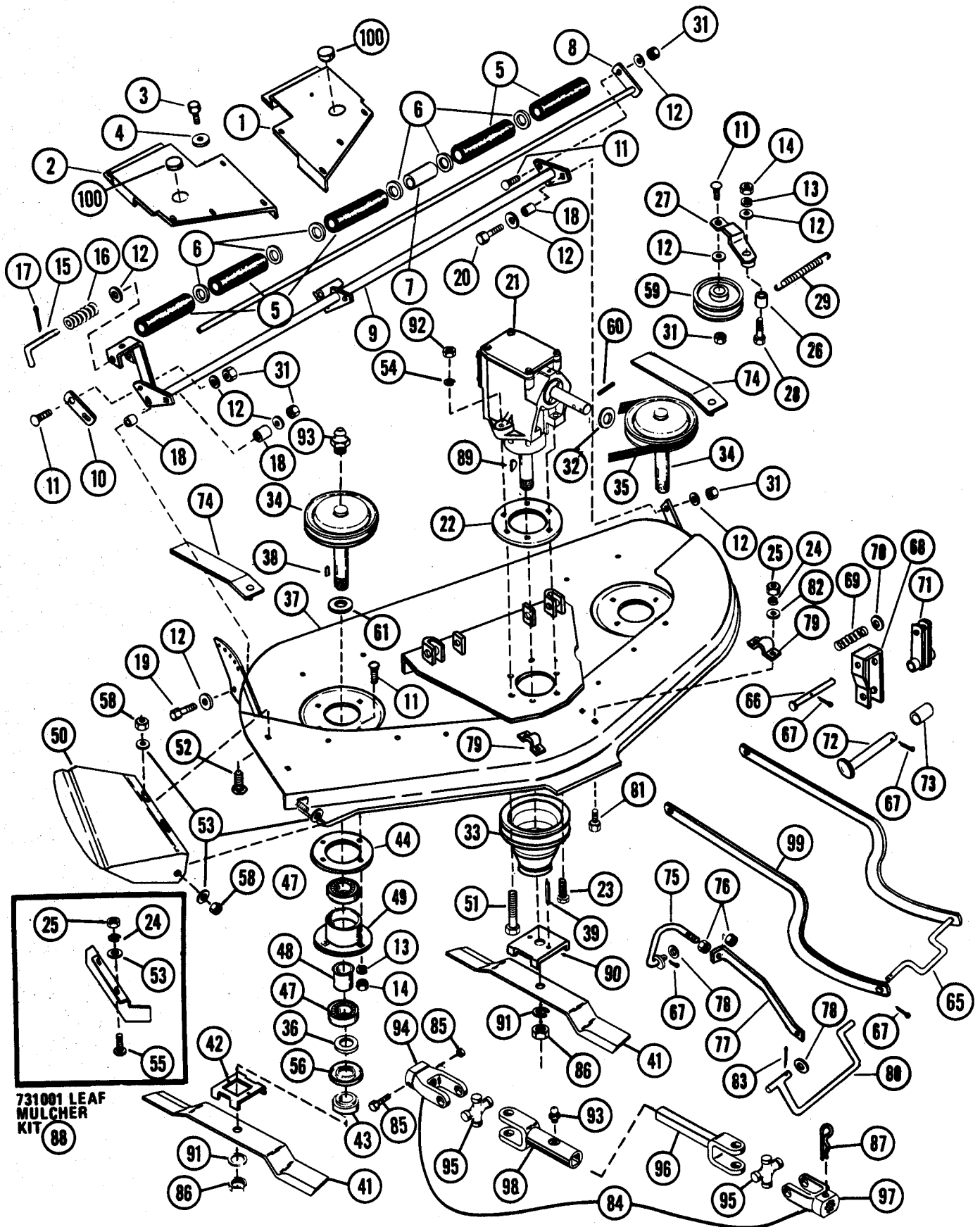
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48" SNO-THRO PARTS LIST MODEL 831010

Serial No. 006000 and Up

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D	REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	531077	SNO-THRO HOUSING, 48" w/Decals	1	28	054070	BEARING CUP	1
2	031954	SCRAPER BLADE	1	29	056046	SEAL	1
3	031858	SCRAPER BLADE BRACE	1	30	031882	ADJUSTMENT PLUG	1
4	062011	CARRIAGE BOLT, 5/16-18 x 3/4	8	31	004037	DUST CAP	1
5	065042	LOCKNUT	8	32	031883	GEAR CASE SHAFT	1
6	059154	CAP SCREW, 3/8-16 x 3/4 Gr. 5 Hex	4	33	066035	"T" KEY	1
9	062013	CARRIAGE BOLT, 3/8-16 x 1	2	35	064087	WASHER, 1.623/1.627 x 2.500 x .012	2
10	065042	LOCKNUT	4	36	024013	GEAR CASE COVER	1
13	531082	BLOWER GEAR CASE ASSEMBLY	1	37	002008	GASKET	1
14	031879	GEAR CASE	1	38	063017	LOCKWASHER	4
15	055059	BUSHING, Flanged 1-5/8 x 1-7/8 x 11/16	2	39	056070	SEAL	2
16	057032	SNAP-RING INT 1-29/32 x .062	1	40	031885	RAKE SHAFT	1
17	031880	WORMSHAFT	1	41	066008	KEY, Woodruff SAE A 1/4 x 7/8	1
18	054069	BEARING CONE	1	42	531080	RIGHT RAKE, w/Zerks	1
19	031881	BEARING SPACER	1	43	531079	LEFT RAKE w/Zerks	1
20	066013	KEY, Straight 3/16 x 3/16 x 1	1	44	531081	SHEAR BOLT, w/Nut	2
21	524009	WORM & GEAR	1	45	022093	SPIN DRIVE ZERK FITTING	4
22	002005	BEARING SPACER	1	46	031889	FAN	1
23	054045	BEARING CONE	1	47	058015	PIN-ROLL, 5/16 x 1-3/4	2
24	064082	WASHER, .323/.333 x 1.000 x .094	1	48	001138	PIPE PLUG	1
25	063003	LOCKWASHER	1	56	031859	BEARING FLANGE	1
26	059022	CAP SCREW, 5/16-18 x 3/4 Gr. 2 HHPL	1	72	059001	CAP SCREW, 1/4-20 x 3/4 Gr. 2 HHPL	4
27	054044	BEARING CUP	1				

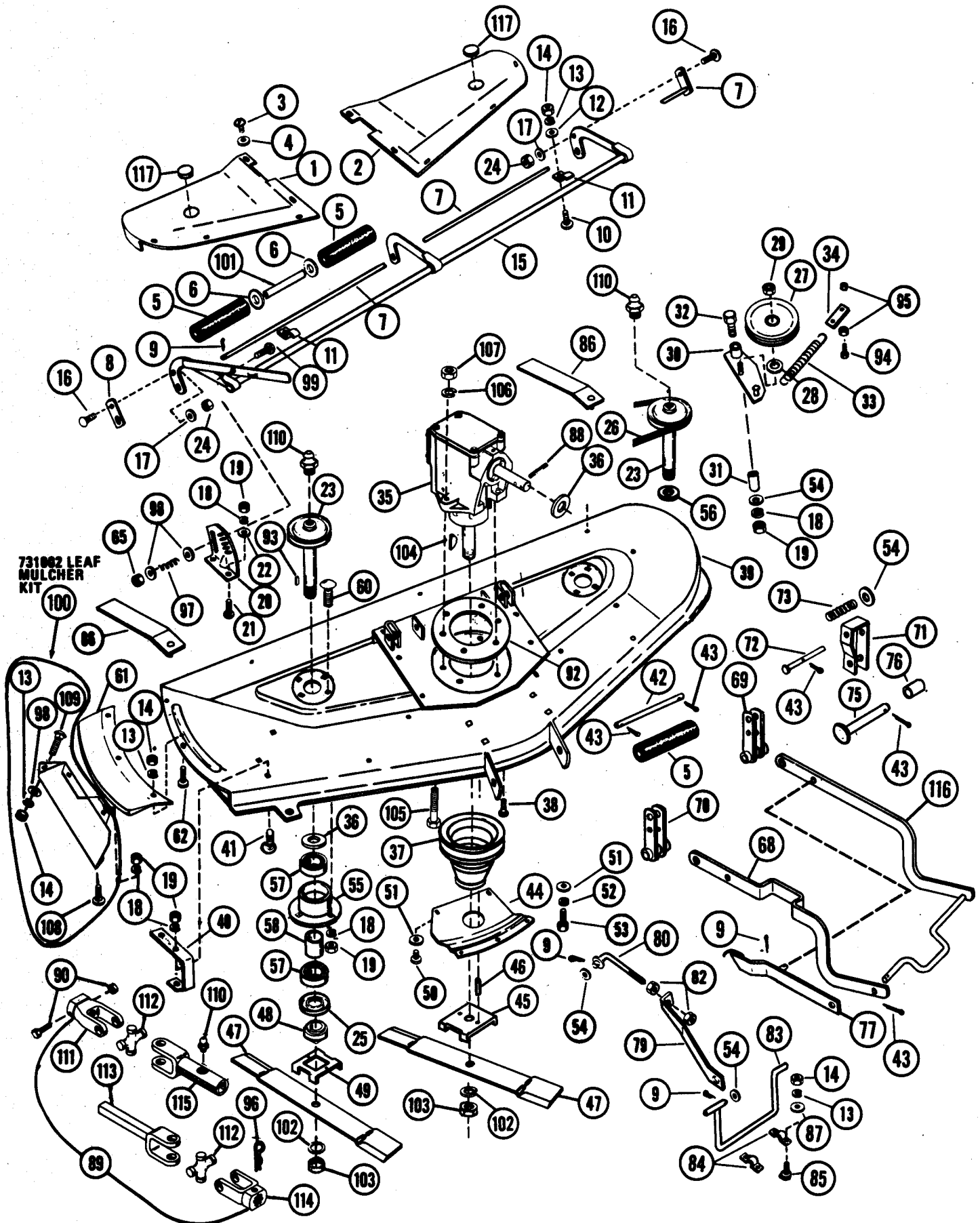
42" MOWER — MODEL 831011



42" MOWER — MODEL 831011

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D	REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	531019	Shield, L.H. Assembly	1	53	064002	Washer, 5/16"	4
2	031205	Shield, R.H.	1	54	031899	Shim	2
3	074046	Screw, Self Tapping, 1/4" x 1/2" Lg.	12	55	062031	Carriage Bolt	2
4	064127	Washer, Plain, 1/4"	12	56	003419	Bearing Slinger	2
5	031141	Roll	5	58	065042	Locknut, 5/16 - 18	3
6	064004	Washer, Plain, 5/8"	6	59	073054	Idler	1
7	031565	Spacer	1	60	058009	Pin, Roll	1
8	031216	Shaft	1	61	064048	Washer, 3/4"	2
9	031215	Roller Adjustment	1	65	031217	Mower Hanger (Before Serial No. 010499)	1
10	031156	Link	1	65	030353	Mower Hanger (After Serial No. 010500)	1
11	062029	Carriage Bolt, 3/8" x 1" Lg.	11	66	031227	Pin	2
12	064008	Washer, Plain 3/8"	9	67	067004	Pin, Cotter 1/8" x 1" Lg.	6
13	063021	Lockwasher, 3/8"	10	68	031226	Support Channel	2
14	065018	Nut, Hex 3/8"	10	69	083130	Spring, Compression	2
15	031210	Pin	1	70	064003	Washer, Plain, 1/2"	2
16	083129	Spring, Compression	1	71	031220	Arm	2
17	067024	Pin, Cotter	1	72	031221	Pin	2
18	055089	Bushing	3	73	031219	Spacer	2
19	059005	Cap Screw, Hex. Hd. 3/8" x 1 1/4" Lg.	1	74	031218	Ramp (Before Serial No. 010499)	2
20	059004	Cap Screw, Hex. Hd. 3/8" x 1" Lg.	1	74	030380	Ramp (After Serial No. 010500)	2
21	631122	Gear Box Assembly	1	75	031222	Adjusting Rod	1
22	031214	Shim (1 max.)	A/R	76	065021	Nut, Jam, 1/2"	2
23	074060	Taprite Torx, Hex Head	4	77	031225	Arm	1
24	063003	Lockwasher, 5/16"	6	78	064120	Washer, 1/2"	2
25	065015	Nut, Hex 5/16"	6	79	031224	Strap	2
26	055090	Bushing	1	80	031223	Support Shaft	1
27	031196	Idler Arm	1	81	062011	Carriage Bolt, 5/16" x 3/4" Lg.	4
28	059027	Cap Screw, Hex Hd. 3/8" x 1 1/4" Lg.	1	82	064123	Washer, Plain 5/16"	2
29	083127	Spring, Extension	1	83	067027	Pin, Cotter, 1/4" x 1 1/2" Lg.	1
31	065060	Locknut, 3/8"	4	84	631124	PTO Assembly (Before Serial No. 010499)	1
32	064041	Washer, 3/4"	1	84	631223	PTO Assembly (After Serial No. 010500)	1
33	031844	Sheave	1	85	531026	Special Bolt & Nut	1
34	031943	Spindle Sheave	2	86	065025	Nut, Jam	3
35	072080	V Belt	1	87	067030	Hairpin, Cotter	1
36	064108	Washer, Special	4 A/R	88	731001	Leaf Mulcher Kit	1
37	531097	Deck	1	89	066012	Key, Woodruff	1
38	066014	Key, 3/16 x 5/8	2	90	031843	Blade Tray (Before Serial No. 010499)	1
39	058055	Groove Pin	2	90	031842	Blade Tray (After Serial No. 010500)	1
41	031213	Blade (Before Serial No. 010499)	3	91	063008	Lockwasher	3
41	030277	Blade (After Serial No. 010500)	3	92	065124	Locknut, Gr. "C"	2
42	031945	Blade Tray (Before Serial No. 010499)	2	93	022093	Zerk	2
42	031945	Blade Tray (After Serial No. 010500)	2	94	031557	Yoke (After Serial No. 010500)	1
43	003169	Retainer Hub	2	95	031558	Journal Cross & Bearing Ass'y (After Serial No. 010500)	2
44	029177	Shim	3 A/R			(Includes Snap Rings)	
47	054120	Bearing	4	96	030266	Yoke & Shaft (After Serial No. 010500)	1
48	031942	Spacer	2	97	031559	Yoke (After Serial No. 010500)	1
49	031933	Spindle Housing	2	98	030267	Slip Yoke (After Serial No. 010500)	1
50	031919	Shield	1	99	030352	Hanger Arm	1
51	059134	Cap Screw, Gr. 5	2	100	075040	Shield Plug	2
52	062033	Carriage Bolt, 5/16" x 5/8" Lg.	2				

48" MOWER — MODEL 831012



48" MOWER — MODEL 831012

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D	REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	031228	Shield, R.H.	1	55	031933	Bearing Housing	2
2	531021	Shield, L.H.	1	56	064048	Washer, 3/4"	3
3	074046	Screw, Self Tapping, 1/4" - 1/2", Lg.	10	57	054120	Bearing	4
4	064127	Washer, Plain 1/4"	10	58	031942	Spacer	2
5	031141	Roll	5	60	062035	Carriage Bolt, 3/8" x 1/2" Lg.	8
6	064140	Washer, 5/8 Std.	4	61	031255	Chute Extension	1
7	031238	Shaft	1	62	061049	Machine Screw, 5/16"-18 x 5/8" Lg.	3
8	031156	Link	1	65	065042	Locknut, 5/16" - 18	1
9	067026	Pin, Cotter, 3/16" x 1" Lg.	4	68	031242	Mower Hanger (Before Serial No. 010500)	1
10	062015	Carriage Bolt, 5/16" - 1" Lg.	3	68	030386	Hanger Arm (010500 and up)	1
11	031241	Tab	3	69	031247	Arm, L.H.	1
12	064123	Washer, Plain 5/16"	3	70	031220	Arm, R.H.	1
13	063003	Lockwasher, 5/16"	11	71	031226	Support Channel	2
14	065015	Nut, Hex Hd. 5/16"	11	72	031227	Pin	2
15	031236	Roll Frame	1	73	083130	Spring, Compression	2
16	062013	Carriage Bolt, 3/8" x 1" Lg.	2	75	031221	Pin	2
17	064008	Washer, Plain 3/8"	2	76	031219	Spacer	2
18	063021	Lockwasher, 3/8"	16	77	031243	Arm	1
19	065018	Nut, 3/8"	16	79	031246	Arm	1
20	031288	Height Quadrant	1	80	031244	Adjusting Rod	1
21	062029	Carriage Bolt, 3/8 x 1" Lg.	2	82	065021	Nut, 1/2"	2
22	064043	Washer, 3/8"	2	83	031245	Support Shaft	1
23	031947	Spindle Sheave (Before Serial No. 010500)	2	84	031224	Strap	2
23	031943	Spindle Sheave (010500 and up)	2	85	062011	Carriage Bolt, 5/16"	4
24	065060	Locknut	2	86	031218	Ramp (Before Serial No. 010500)	2
25	003419	Bearing Slinger	2	86	030380	Ramp (010500 and up)	2
26	072081	Belt	1	87	064123	Washer, 5/16"	2
27	073061	Idle Pulley	1	88	058009	Pin, Roll	1
28	064138	Washer, 1/2"	1	89	631124	PTO Assembly (Before Serial No. 010500)	1
29	065046	Nut, Hex. 1/2"	1	89	631223	PTO Assembly (010500 and up)	1
30	031230	Idle Arm	1	90	531026	Special Bolt & Nut	A/R
31	029079	Spacer	1	92	031214	Shim, (1 max.)	2
32	059035	Cap Screw, Hex. Hd. 3/8" x 2 1/2" Lg.	1	93	066014	Key, 3/16" x 5/8"	1
33	083117	Spring, Extension	1	94	059004	Cap Screw, 3/8 x 1" Lg.	2
34	031240	Plate	1	95	065001	Nut, 3/8"	1
35	631123	Gear Box Assembly	1	96	067030	Hair Pin	1
36	064041	Washer, 3/4"	3	97	083131	Spring	1
37	031844	Sheave	1	98	064002	Washer, 5/16 Wrought	3
38	074060	Taptite Torx, Hex Head	4	99	062036	Carriage Bolt, 5/16" x 18 x 1 1/4"	1
39	531098	Mower Deck	1	100	731002	Mulcher (Kit Only)	1
40	031239	Skid	1	101	031564	Spacer	2
41	062010	Carriage Bolt, 3/8" x 3/4" Lg.	3	102	063008	Lockwasher	3
42	031232	Pin	1	103	065025	Nut	3
43	067004	Pin, Cotter, 1/8" x 1" Lg.	7	104	066012	Key, Woodruff	1
44	031233	Shield	1	105	059134	Cap Screw	2
45	031842	Blade Tray	1	106	031899	Shim	2
46	058055	Groove, Pin	2	107	065124	Locknut	2
47	031237	Blade (Before Serial No. 010500)	3	108	062029	Carriage Bolt	2
47	030278	Blade (010500 and up)	3	109	062033	Carriage Bolt	1
48	031946	Retainer Hub	2	110	022093	Zerk	3
49	031945	Blade Tray	2	111	031559	Yoke (010500 and up)	1
50	074046	Screw, Self Tapping, 1/4" x 1/2" Lg.	2	112	031558	Journal Cross & Bearing Ass'y (010500 and up) (Includes Snap Rings)	2
51	064127	Washer, Plain, 1/4"	5	113	030266	Yoke & Shaft (010500 and up)	1
52	063002	Lockwasher, 1/4"	3	114	031557	Yoke (010500 and up)	1
53	059028	Cap Screw, Hex Hd. 1/4" x 1/2" Lg.	3	115	030267	Slip Yoke (010500 and up)	1
54	064003	Washer, Plain 1/2"	4	116	030353	Mower Hanger (010500 and up)	1
				117	075040	Shield Plug (010500 and up)	2

42", 48" & 60" GEAR BOX PARTS

Model 831011 and 831012
Model 831026
Serial No. 000101 to 000600

WARNING

ROTATING PARTS
Keep hands and feet away
from under entire housing

78579

CAUTION

- Keep all shields in place
- Before servicing machine shut off engine make sure mechanism has stopped, disconnect engine spark plug wire
- Do not stand near machine while it is in motion
- Keep hands, feet and clothing away from power driven parts
- Check for and repair any damage caused by striking solid objects

78490

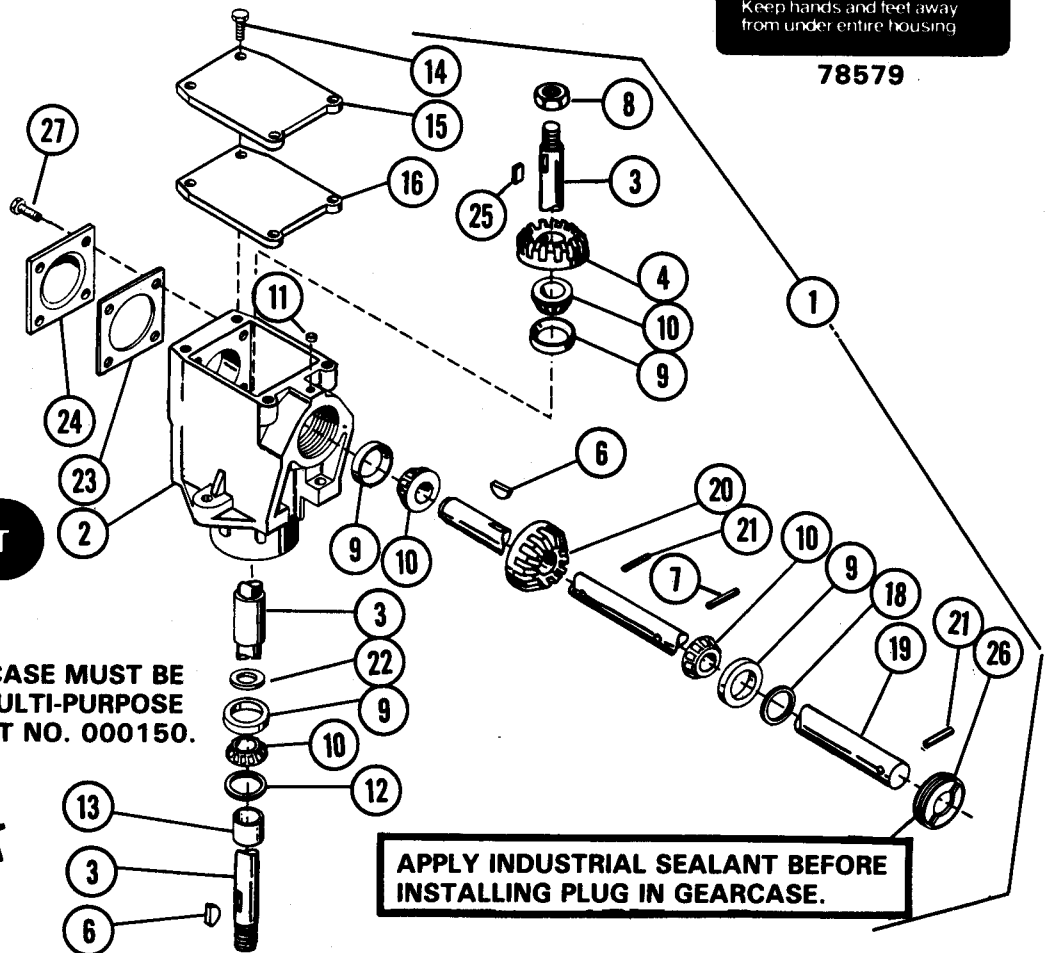
← WIDTH OF CUT

78521

LUBRICATION: GEARCASE MUST BE FILLED WITH 8 OZ. MULTI-PURPOSE GREASE, ARIENS PART NO. 000150.

FLEX-N-FLOAT

78771



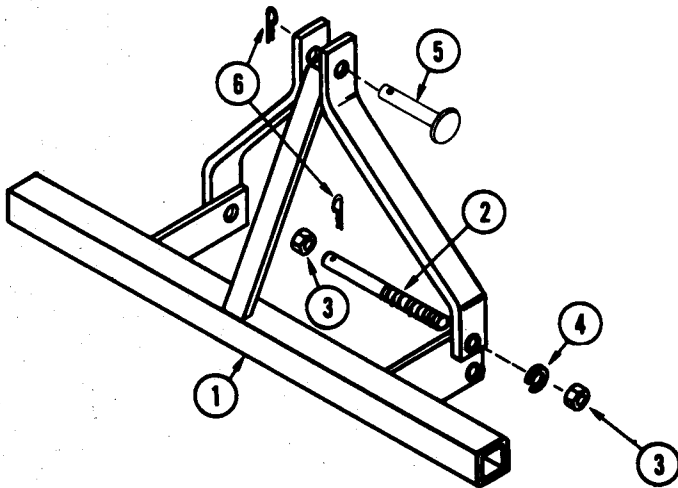
APPLY INDUSTRIAL SEALANT BEFORE INSTALLING PLUG IN GEARCASE.

REF. PART NO.	DESCRIPTION	NO. REQ'D	REF. PART NO.	DESCRIPTION	NO. REQ'D
1 631122	Gear Case Assembly, 42" Model No. 831011	1	16 031835	Gasket, Top	1
1 631123	Gear Case Assembly, 48" & 60" Model No's 831012, 831026	1	17 060014	Setscrew	1
2 031830	Gear Case	1	18 056062	Seal	1
3 031912	Out-Put Shaft	1	19 031840	In-Put Shaft	1
4 031845	Bevel Gear, 42" Model No. 831011	1	20 031846	Bevel Gear, 42" Model No. 831011	1
031829	Bevel Gear, 48" & 60" Model No's 831012, 831026	2	031829	Bevel Gear, 48" & 60" Model No's 831012, 831026	2
6 066012	Key, SAE No. 91	2	21 058016	Roll Pin	2
7 058049	Groove Pin	1	22 064041	Washer, .032	1
8 065128	Locknut	1	064117	Washer, .005	1
9 054044	Bearing Cup	4	064118	Washer, .015	1
10 054045	Bearing Cone	4	064119	Washer, .025	1
11 031914	Plug	1	23 531084	Gasket, Kit	1
12 056066	Seal	1	24 031832	Side Cover	1
13 031913	Spacer	1	25 066027	Key, Straight	1
14 074034	Self Tapping Screw, No. 8 - 32	4	26 010371	Plug Adj.	1
15 031831	Gear Case Cover	1	27 070017	Flange Whizlock Screw, HH. 5/16-18 x 5/8	4

FIVE-IN-ONE ATTACHMENT MODEL 831016

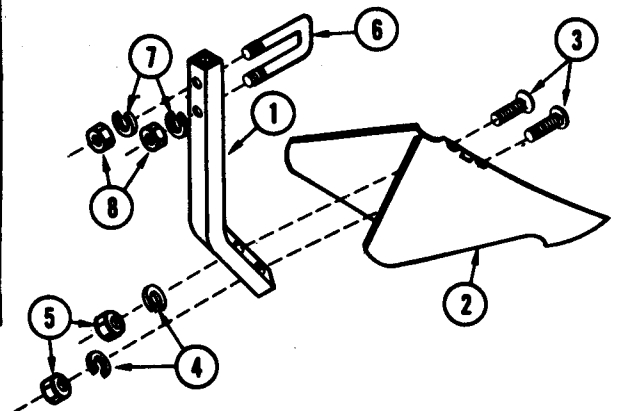
"A" FRAME ASSEMBLY

SERIAL NO. 000101 & UP



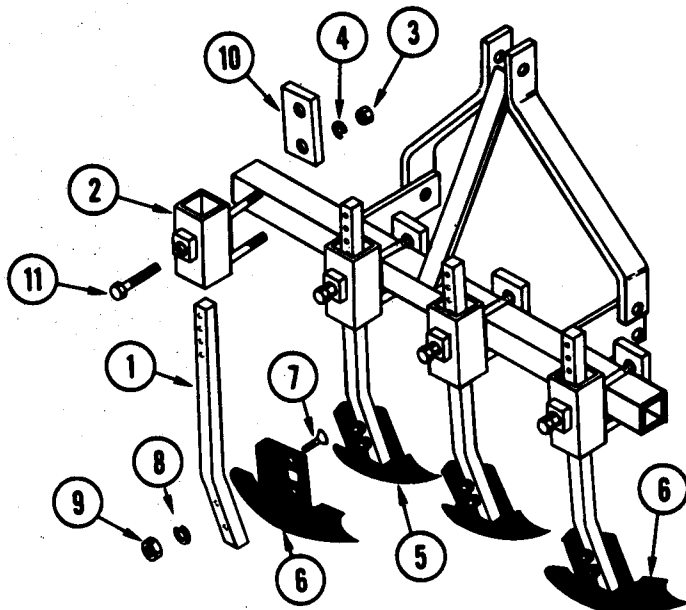
REF. NO.	PART NO.	STOCK CODE	DESCRIPTION	NO. REQ'D
1	030100		TOOL BAR	1
2	030105		LIFT PINS, 5/8 X 4	2
3	065003		HEX NUTS, 5/8 UNF	4
4	063007		LOCKWASHER, 5/8	2
5	030143		CLEVIS PIN	1
6	067022		HAIR PIN COTTER	3

MIDDLE BUSTER ASSEMBLY

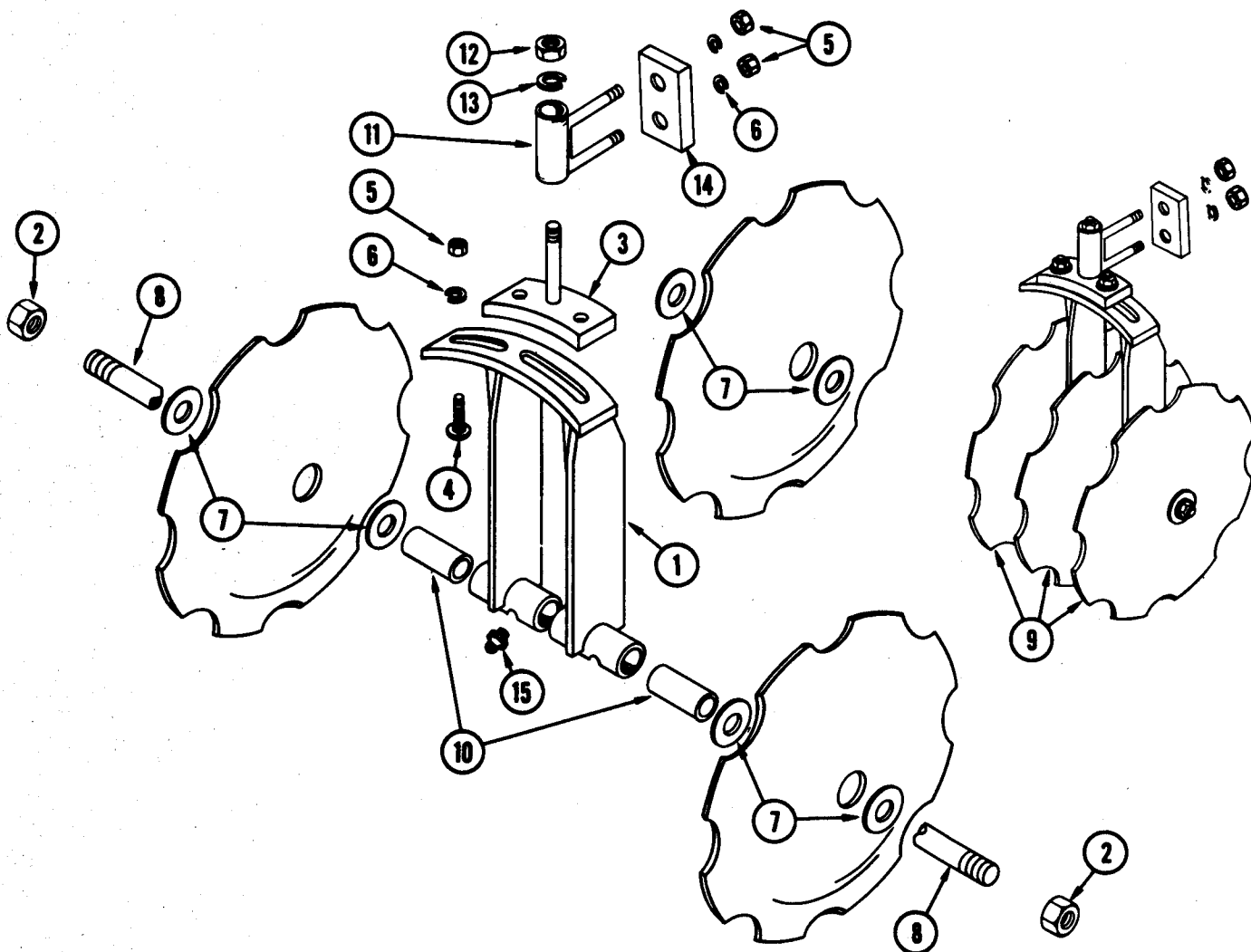


REF. NO.	PART NO.	STOCK CODE	DESCRIPTION	NO. REQ'D
1	030116		BUSTER SHANK	1
2	030117		BUSTER SWEEP	1
3	062055		CARRIAGE BOLT, 7/16 - 14 X 2 1/2	2
4	063005		LOCKWASHER, 7/16	2
5	065035		HEX NUT, 7/16 - 14	2
6	030110		"U" BOLT, 3/8 X 2-3/8 X 4-1/8	1
7	063004		LOCKWASHER, 3/8	2
8	065018		HEX NUT, 3/8 - 16	2

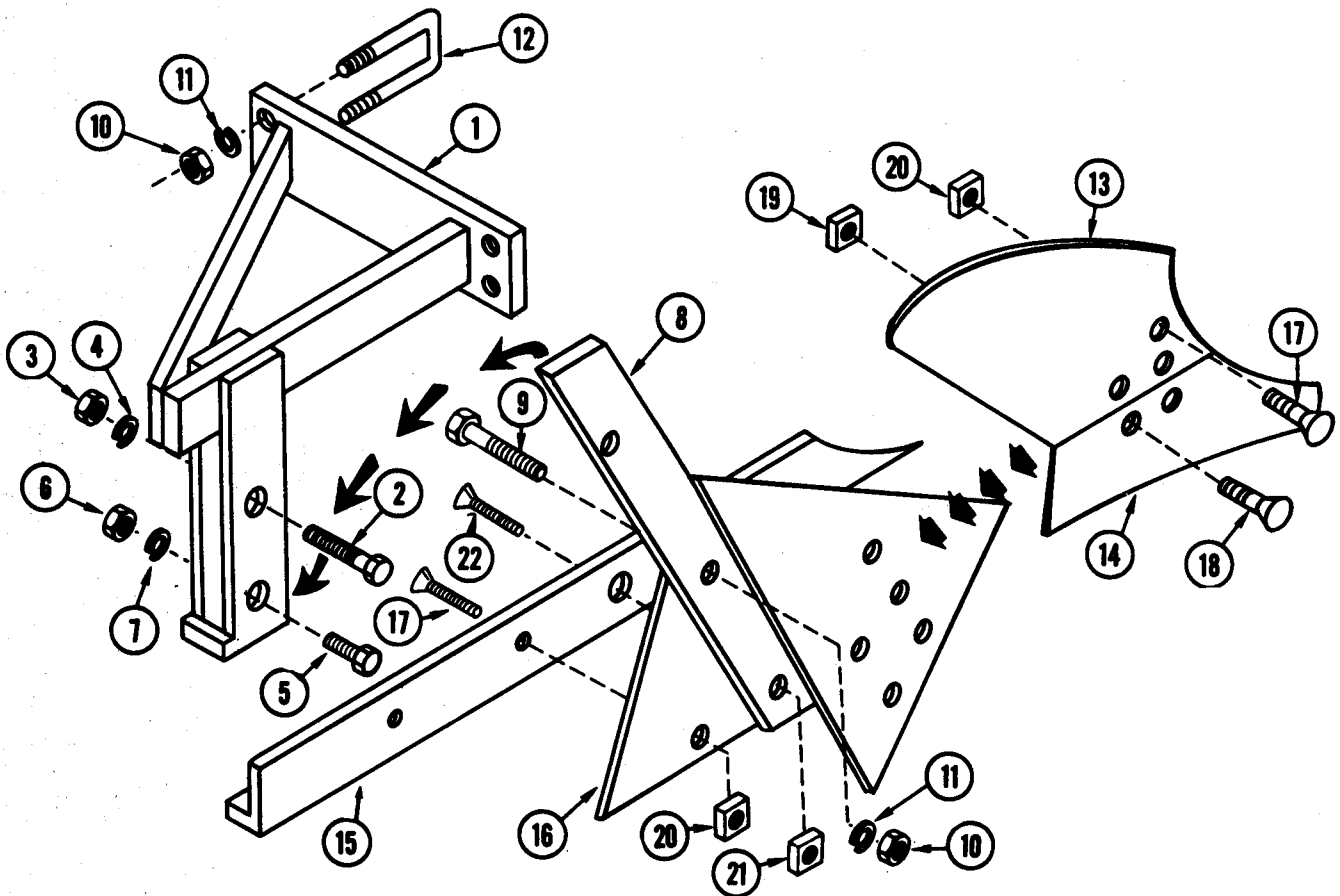
CULTIVATOR ASSEMBLY



REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	030113	SHANK	4
2	030111	ADJUSTMENT BRACKET	4
3	065021	HEX NUT, 1/2 - 13	8
4	063006	LOCKWASHER, 1/2	8
5	030114	CULTIVATOR SWEEP, 4"	2
6	030115	CULTIVATOR SWEEP, 6"	2
7	070003	SWEEP BOLTS, 3/8 X 1-1/2 UNC	8
8	063004	LOCKWASHER, 3/8	8
9	065035	HEX NUT, 3/8 UNC	8
10	030112	PLATE	4
11	060021	SET SCREW, 1/2 - 13 X 1 1/2	2



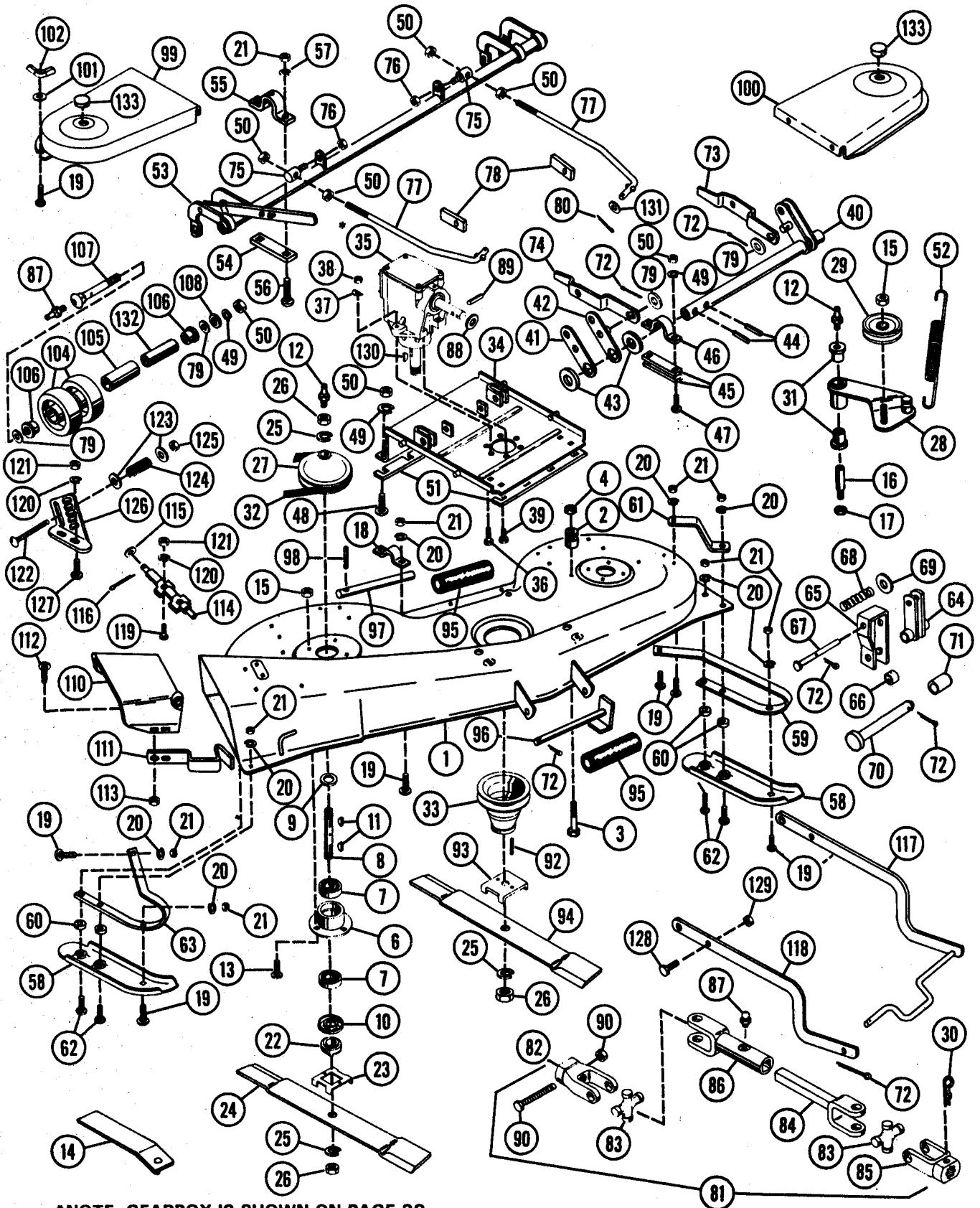
REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D	REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	030103	LOWER BOASTER	2	10	055125	BUSHING PIPE, 5 1/2" Long	4
2	065053	HEX NUT, 1/2 UNC	4	11	030101	BRACKETS	2
3	030104	UPPER BOASTER	2	12	065134	JAM NUT, 7/8	2
4	062006	CARRIAGE BOLT, 1/2 X 2 1/2	4	13	063033	LOCKWASHER, 7/8	2
5	065021	HEX NUT, 1/2	8	14	030112	BRACKET RETAINER STRAP	2
6	063006	LOCKWASHER, 1/2	8	15	022093	ZERK FITTING	2
7	064009	FLAT WASHER, 1/2	12				
8	030106	AXLE, 1/2" Dia.	2				
9	030102	DISC PANS	6				



REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D	REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	030107	MOLDBOARD FRAME	1	13	030109	MOLDBOARD	1
2	059131	BOLT, 3/8 X 2	1	14	030144	SHARE	1
3	065015	HEX NUT, 3/8	1	15	030145	LAND	1
4	063003	LOCKWASHER, 3/8	1	16	030146	FROG	1
5	059065	BOLT, 5/8 X 2 1/2 UNC	1	17	070001	PLOWBOLT, 3/8 - 16 X 1	5
6	065007	HEX NUT, 5/8 UNC	1	18	070061	PLOWBOLT, 7/16 - 14 X 3/4	2
7	063007	LOCKWASHER, 5/8	1	19	065022	NUT, Square, 7/16 - 14	2
8	030108	LEG	1	20	065020	NUT, Square, 3/8 - 16	5
9	059011	BOLT, 1/2 X 2 1/2	1	21	065052	NUT, Square, 1/2 - 13	1
10	065021	HEX NUT, 1/2 UNC	5	22	070062	PLOWBOLT, 1/2 - 13 X 2	1
11	063006	LOCKWASHER, 1/2	5				
12	030147	"U" BOLT, 1/2 X 2 1/2 X 3	2				
	531122	MOLDBOARD PLOW ASSEMBLY (Consists of the following parts)					

60" MOWER — MODEL 831026

SERIAL NO. 000101-000601



*NOTE: GEARBOX IS SHOWN ON PAGE 38

60" MOWER — MODEL 831026

SERIAL NO. 000101-000601

REF. NO.	PART NO.	STOCK CODE	DESCRIPTION	NO. REQ'D	REF. NO.	PART NO.	STOCK CODE	DESCRIPTION	NO. REQ'D
1	531147	O	Mower Deck w/Decals	1	67	031221	M	Pin	2
2	030322	S	Spring Anchor	1	68	083130	M	Spring, Compression	2
3	059006	M	Cap Screw, 3/8-16 x 1 1/2 Gr. 2	1	69	064003	M	Washer, 1/2 Std. x 1-1/16 x .095	2
4	065039	M	Locknut, 3/8-16	1	70	031227	M	Pin	2
6	030323	S	Spindle Housing	2	71	030351	M	Spacer	2
7	054120	F	Radial Bearing	4	72	067004	M	Cotter Pin, 1/8 x 1	8
8	030324	M	Spindle Shaft	2	73	030356	S	Leveling Lever, L.H.	1
9	064041	M	Washer, 3/4 x 1 x .032	2	74	030357	S	Leveling Lever, R.H.	1
10	003419	M	Bearing Slinger	2	75	030358	M	Pivot	2
11	066014	M	Key, Woodruff, SAE 16-3/16 x 5/8	4	76	065046	M	Locknut, 1/2-13	2
12	022093	M	Zerk Fitting	3	77	030354	M	Adjustment Rod	2
13	062019	M	Carriage Bolt, 3/8-16 x 1	8	78	030355	F	Wear Plate	2
14	030380	M	Ramp	2	79	064047	M	Washer	6
15	065060	M	Nut, 3/8-16	8	80	067024	M	Cotter Pin, 1/8 x 3/4	2
16	030325	M	Idler Stud	1	81	631223	O	PTO Assembly, Consists of:	1
17	065046	M	Locknut, 1/2-13	1	82	031559	S	Yoke	1
18	030327	S	Roller Clamp	2	83	031558	M	Journal Cross & Bearing Ass'y	2
19	062011	M	Carriage Bolt, 5/16-18 x 3/4	11	84	030266	S	Yoke and Shaft	1
20	063003	M	Lockwasher, 5/16	11	85	031557	S	Yoke	1
21	065015	M	Nut, 5/16-18	21	86	030267	S	Slip Yoke	1
22	031946	M	Retainer Hub	2	87	022093	M	Zerk Fitting	3
23	003170	M	Blade Tray	2	88	064041	M	Washer, 3/4 x 1 x .032	1
24	030328	F	Mower Blade, 22 1/2"	2	89	058009	M	Roll Pin, 1/8 x 1	1
25	063008	M	Lockwasher, 1/2	9	90	531026	F	Special Bolt and Nut	1
26	065025	M	Jam Nut, 1/2-10	5	92	058055	M	Pin - Groove, 3/16 x 3/4	2
27	030329	S	Spindle Sheave	2	93	031842	M	Blade tray	1
28	030330	S	Idler Arm	1	94	030278	F	Blade (Center)	1
29	073111	M	Idler	1	95	031141	F	Roller	2
30	067030	M	Hairpin Cotter	1	96	030384	M	Pin	1
31	055026	M	Flange Bushing	2	97	030326	M	Shaft	1
32	072133	F	V-Belt	1	98	058006	M	Roll Pin, 1/2 x 1	1
33	031844	S	Sheave	1	99	030335	S	Belt Cover, R.H.	1
34	030331	O	Mounting Plate	1	100	030336	S	Belt Cover, L.H.	1
35	631123	O	Mower Gearcase	1	101	064002	M	Washer, 5/16 Std. x 7/8 x .083	2
36	059134	M	Cap Screw, 5/16-18 x 1 1/4, Gr. 5	2	102	065113	M	Wing Nut, 5/16-18	2
37	031899	M	Shim	2	104	071133	S	Wheel	4
38	065124	M	Locknut, 5/16-18 Gr. C	2	105	030339	M	Wheel Hub	2
39	074060	M	Special TORX Hex Hd. Taptite	4	106	054143	F	Ball Bearing	4
40	030332	S	Front Hanger	1	107	030341	M	Wheel Bolt	2
41	030360	S	Outside Link	1	108	064056	M	Washer	2
42	030361	S	Inside Link	1	110	030349	S	Chute Extension	1
43	064108	M	Washer, 3/4 x 1 1/4 x 16	2	111	003185	M	Flat Spring	1
44	058007	M	Roll Pin, 1/2 x 1 1/4	2	112	062053	M	Carriage Bolt, 1/2-20 x 1/2	2
45	030333	S	Plate	4	113	065040	M	Locknut, 1/2-20	2
46	030334	S	Clamp	2	114	030350	M	Hinge Pin	1
47	062074	M	Carriage Bolt, 1/2-13 x 1 1/2 Gr. 2	4	115	064043	M	Washer, 3.8 Std. x 13/16 x .065	1
48	062047	M	Carriage Bolt, 1/2-13 x 1 1/4 Gr. 5	3	116	067001	M	Cotter Pin, 3/32 x 3/4	1
49	063006	M	Lockwasher, 1/2	10	117	030353	M	Mower Hanger	1
50	065021	M	Nut, 1/2-13	13	118	030352	M	Hanger Arm	1
51	030381	M	Mounting Plate Shim	A/R	119	070053	M	Ribbed Neck Bolt (PB)	2
52	083168	M	Spring, Extension	1	120	063003	M	Lockwasher, 5/16 (PB)	4
53	030337	S	Roller Frame	1	121	065015	M	Nut (PB) 5/16-18	4
54	030342	S	Pad	4	122	062036	M	Carriage Bolt (PB) 5/16-18 x 1 1/4	1
55	030343	S	Clamp	4	123	064002	M	Washer (PB) 5/16 Std. x 7.8 x .083	2
56	062015	M	Carriage Bolt, 5/16-18 x 1	8	124	083131	M	Spring, Compression (PB)	1
57	063001	M	Lockwasher, 5/16	8	125	065042	M	Locknut (PB) 5/16-18	1
58	030345	S	Skid	3	126	030344	S	Quadrant (PB)	1
59	030346	S	Skid Bar, L.H.	1	127	062041	M	Carriage Bolt (PB) 5/16-18 x 3/4	2
60	025135	M	Spacer	4	128	059145	M	Cap Screw, (PB) 3/8-16 x 1, Gr. 5	2
61	030348	M	Brace	1	129	065039	M	Locknut, (PB) 3/8-16	2
62	062044	M	Carriage Bolt, 5/16-18 x 1 1/2	4	130	066012	M	Key, Woodruff 1/4 x 3/4	1
63	030347	S	Skid Bar, R.H.	1	131	064121	M	Washers	2
64	031247	M	Arm	2	132	030340	M	Spacer	2
65	031226	S	Support Channel	2	133	075040	F	Shield Plug	2
66	031219	M	Spacer	2					

NOTE: (PB) denotes Parts Box.

Parts marked (PB) are for installing Quadrant & Chute Assembly.

SERIAL NO. 000101-000400



48" TILLER MODEL 831027 SERIAL NO. 000101-000400

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D	REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	065122	Hex Lock Nut, 3/8-16	26	33	033173	Bracket, R.H.	1
2	062078	Carriage Bolt, 3/8-16 x 3/4	20	34	033175	Spacer	2
3	033176	Strap	2	35	033174	Bracket, L.H.	1
4	062081	Carriage Bolt, 3/8-16 x 1 1/4	4	36	033196	Hook	1
5	033178	Hinge Bracket	1	37	075111	Rubber Strap	1
6	033179	Rod - Hinge	1	38	061061	Machine Screw, 1/4-20 x 1 1/4	1
7	033177	Level Blade	1	39	064001	Washer, 1/4	1
8	533006	Shroud w/Decals	1	40	065032	Hex Nut, 1/4-20	1
9	074072	Tapping Screw	7	41	062080	Carriage Bolt, 1/2-13 x 1 1/4	4
10	033188	Tunnel Shield	1	42	033199	Flangette - 4 Hole	4
11	059039	Cap Screw, 5/16-18 x 1/2	2	43	054145	Bearing	2
12	063036	Lockwasher	2	44	059058	Cap Screw, 1/2-13 x 3/4	1
13	064007	Washer, 5/16	2	45	063010	Lockwasher, 5/8	1
14	033184	Seal	1	46	033154	Frame	1
15	033183	Outer Shield	1	47	065021	Hex Nut, 1/2-13	8
16	633030	Outer Shield Assembly	1	48	033201	Spacer	4
17	065007	Hex Nut, 5/8-11	3	49	062028	Carriage Bolt, 3/8-16 x 1	4
18	033215	Hex Bolt	2	50	064002	Washer, 3/8	4
19	033214	Adjust Strap	2	51	067022	Hair Pin	2
20	067037	Hair Pin	2	52	033194	Pin	1
21	064058	Washer, 1/2	2	53	058070	Roll Pin, 1/4 x 3	1
22	059010	Cap Screw, 1/2-13 x 1 1/2	2	54	033195	Spacer	1
23	075110	Rubber Washer	2	55	633031	Pin Assembly	2
24	065127	Hex Lock Nut, 1/2-13	2	56	033157	Spacer Plate	1
25	033213	Skid	2	57	033181	Gear Box Mount	1
26	059214	Cap Screw, 5/8-11 x 2 1/2	3	58	059212	Cap Screw, 3/8-16 x 1-1/8	56
27	065007	Hex Nut, 5/8-11	3	59	065150	Locknut, 3/8-16	56
28	074071	Tapping Screw	6	60	033192	Tine, R.H.	14
29	063004	Lockwasher	8	61	033193	Tine, L.H.	14
30	059133	Cap Screw, 3/8-16 x 1 1/4	8	62	033200	Cap - Bearing Guard	2
31	033189	PTO Shield	1	63	033190	Tine Shaft	1
32	033155	Upper Link	1				

Ariens
78759

WARNING

Tiller may cause tractor to be propelled forward resulting in a loss of control. Be prepared to stop tiller and tractor.

78873

WARNING

ROTATING TINES
Keep hands and feet clear!

- Keep all shields in place.
- Before servicing machine shut off engine make sure the harness has stopped, remove ignition key.
- Do not stand near machine while it is in motion.
- Keep hands, feet and clothing away from power driven parts.
- Check for and repair any damage caused by striking solid objects.

78872

DANGER

ROTATING DRIVE LINE
FAILURE TO HEED THESE WARNINGS MAY RESULT IN PERSONAL INJURY OR DEATH.

KEEP CLOTHING, YOURSELF AND OTHERS WELL CLEAR

DO NOT OPERATE UNLESS PTO GUARDS, TRACTOR MASTER SHIELD AND IMPLEMENT GUARDS ARE IN PLACE.

PTO GUARDS MUST TURN FREELY AND BE PROPERLY ATTACHED AND MAINTAINED.

U-JOINT YOKES MUST BE SECURELY LOCKED ONTO TRACTOR AND IMPLEMENT SHAFTS.

BE SURE TRACTOR DRAWBAR AND IMPLEMENT HITCH ARE ADJUSTED CORRECTLY.

GREASE TELESCOPING SHAFT REGULARLY TO MINIMIZE THRUST FORCES.

78875

SERIAL NO. 000101-000400

SERIAL NO. 000101-000400



**SEE PAGE 66
FOR INTERNAL PARTS**

**USE ARIENS MP90 GEAR LUBE,
PART NO. 000060**

48" TILLER

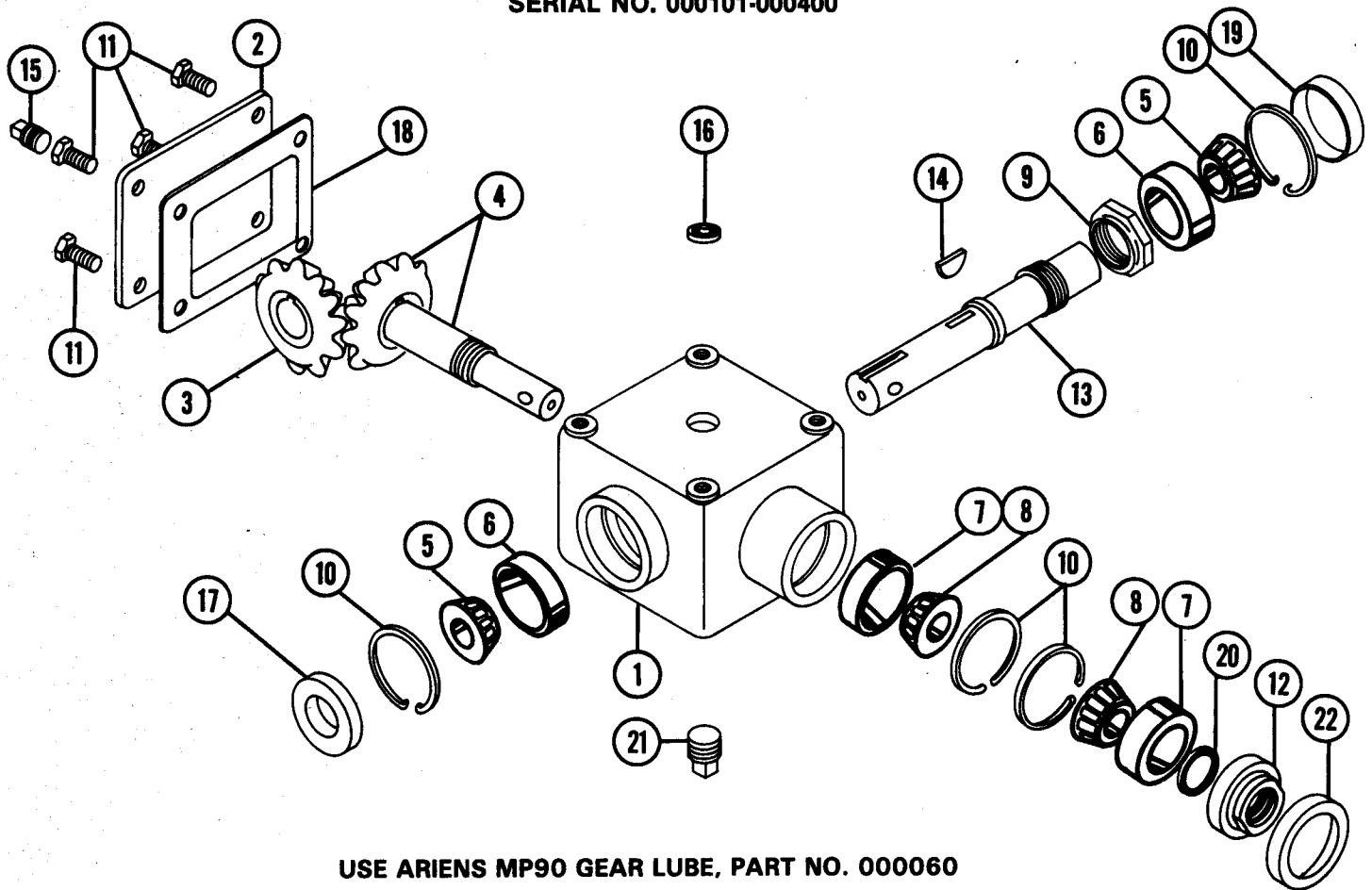
MODEL 831027

SERIAL NO. 000101-000400

REF. NO	PART NO	DESCRIPTION	NO. REQ'D	REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	033197	Drive Shaft	1	27	033202	Sprocket, 11 T	1
2	065015	Hex Nut, 5/16-18	2	28	033205	Sprocket, 40 T	1
3	083193	Compression Spring	8	29	054144	Bearing	3
4	066043	Square Key, 1/4 x 1 1/2	1	30	062041	Carriage Bolt, 5/16-18 x 3/4	9
5	033210	Hub - End Plate	1	31	033198	Flangette	6
6	060032	Setscrew, 5/16 x 1/2	5	32	065127	Hex Lock Nut, 1/2-13	1
7	033212	Clutch Disc	2	33	065124	Hex Lock Nut, 5/16-18	9
8	633033	Hub Assembly	1	34	057088	Snap Ring	1
8A	033209	Oilite Bearing	1	35	066024	Square Key, 3/8 x 1	1
8B	033208	Hub	1	36	033207	Driven Sprocket	1
9	065070	Hex Lock Nut, 1/2	1	37	024530	Tube	1
10	033211	Pressure Plate	1	38	033204	Sprocket Shaft	1
11	059130	Hex Bolt, 5/16-18 x 2 1/4	8	39	031437	Spacer	1
12	066022	Square Key, 1/4 x 1	3	40	059110	Cap Screw, 1/2-13 x 3	1
13	633029	Gear Box Assembly	1	42	060038	Setscrew, 5/16 x 1 1/2	1
14	033122	Coupling	—	43	062079	Cap Screw, 3/8-16 x 2 1/4	8
15	059067	Cap Screw, 1/4-20 x 2 1/2	1	44	033182	Carriage Bolt, Special	4
16	059147	Cap Screw, 3/8-16 x 2	2	45	062074	Carriage Bolt, 1/2-13 x 1 1/2	4
17	065122	Hex Lock Nut, 3/8-16	26	46	031440	Chain Tightener	1
18	631263	Universal Drive Shaft, w/Decals	1	47	059211	Cap Screw, 5/16-18 x 2 1/4	1
19	059213	Cap Screw, 1/2-13 x 2 1/4	1	48	033206	Drive Chain ASA 60 Heavy Duty, 46 Pitches Endless	1
20	064058	Washer, 1/2	4	49	054145	Bearing	2
21	033185	Idler Sprocket	1	50	033199	Flangette - 4 Hole	4
22	033186	Spacer - Idler	1	51	065021	Hex Nut, 1/2-13	8
24	057062	Snap Ring	2	52	033191	Tube - Tine	2
25	064030	Washer	2	53	033200	Cap - Bearing Guard	2
26	033203	Roller Chain, ASA 50 76 Pitches including Connector	1	54	033190	Tine Shaft	1

48" TILLER MODEL 831027

SERIAL NO. 000101-000400

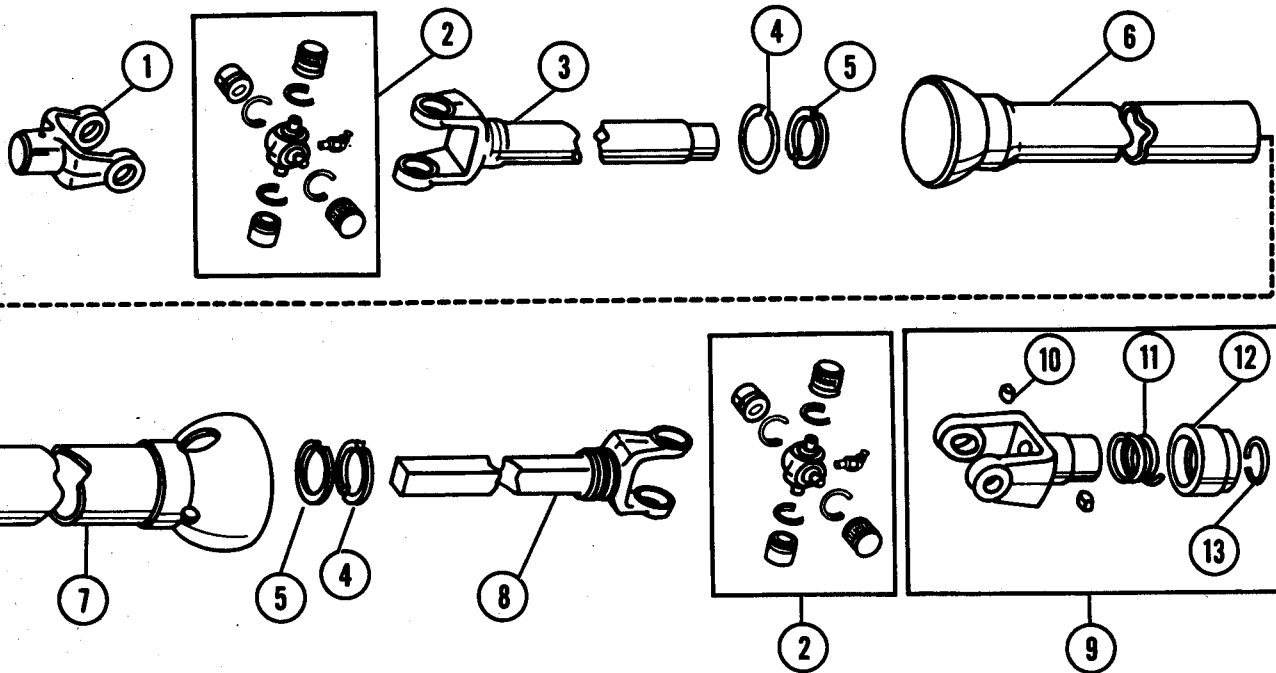


USE ARIENS MP90 GEAR LUBE, PART NO. 000060

REF. NO	PART NO	DESCRIPTION	NO. REQ'D	REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	033158	Housing	1	12	033163	Stake Nut	1
2	033159	Cover	1	13	033164	Output Shaft	1
3	033160	Bevel Gear	1	14	066008	Woodruff Key	1
4	033161	Bevel Pinion Shaft	1	15	033165	Plug - Level	1
5	054069	Bearing Cone	2	16	033166	Plug - Drain	1
6	054070	Bearing Cup	2	17	033167	Cap	1
7	054146	Bearing Cup	2	18	033168	Gasket	1
8	054147	Bearing Cone	2	19	056049	Seal	1
9	033162	Stake Nut	1	20	056113	O-Ring	1
10	057089	Snap Ring	4	21	033169	Vent Plug	1
11	059002	Cap Screw	4	22	056114	Seal	1

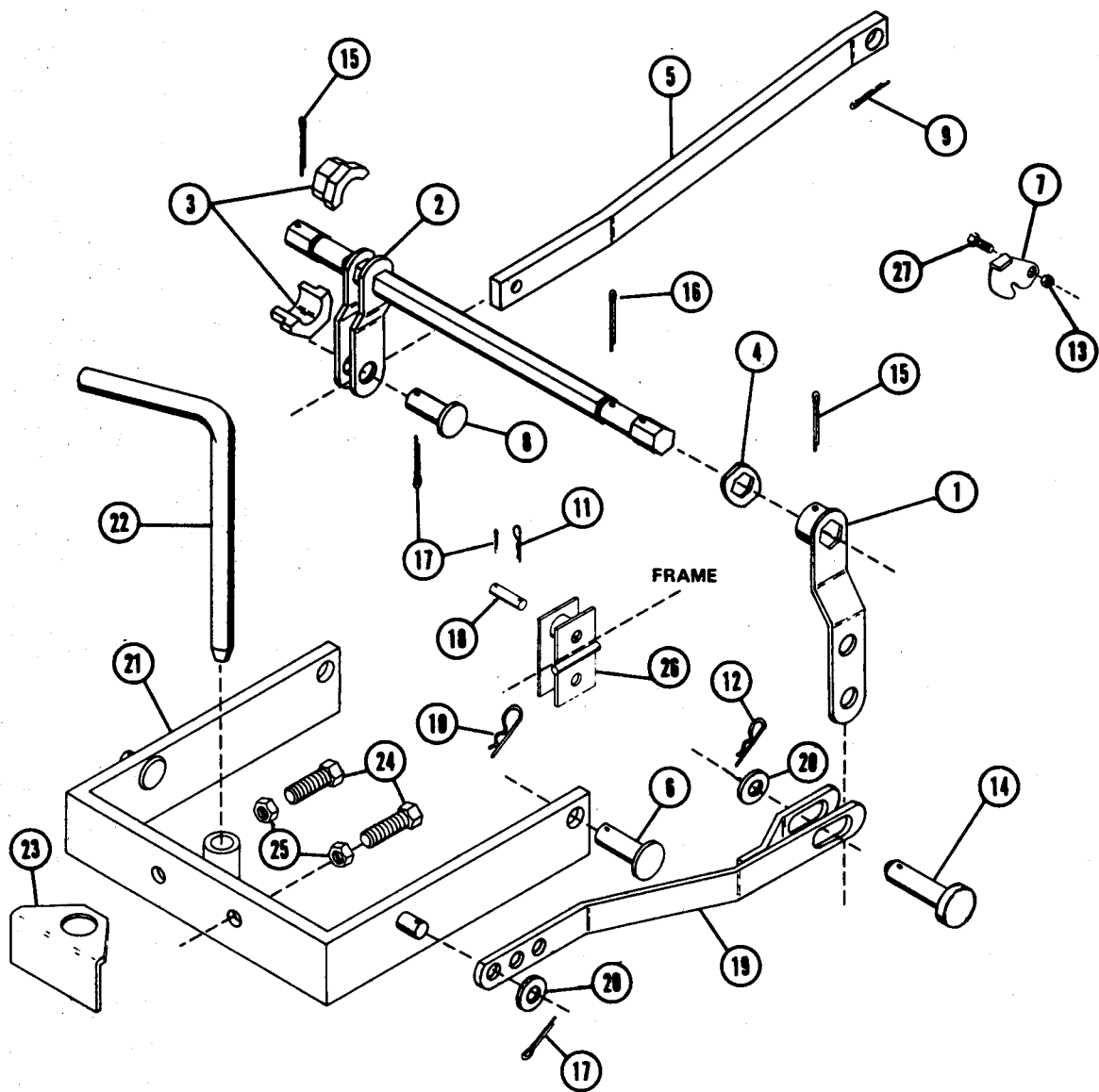
48" TILLER MODEL 831027

SERIAL NO. 000101-000400



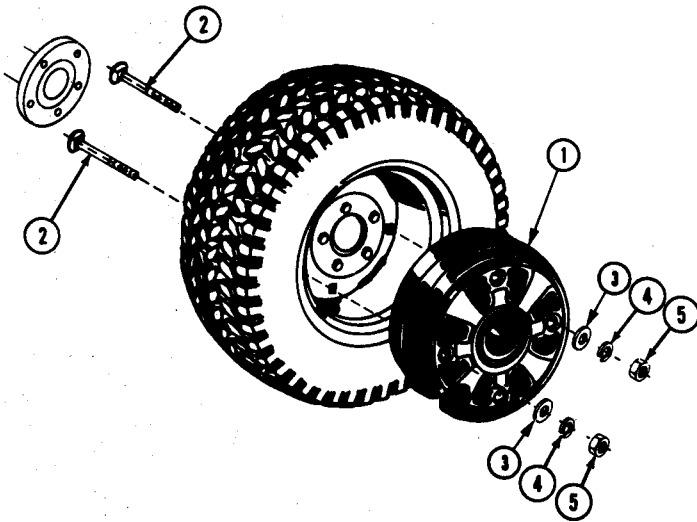
REF. NO	PART NO	DESCRIPTION	NO. REQ'D	REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	033219	End Yoke	1	8	033220	Yoke & Shaft	1
2	531145	Repair Kit	2	9	531146	Lock Yoke Assembly	1
3	033217	Yoke & Tube	1	10	033223	Stainless Ball	2
4	057090	Bearing Retainer	2	11	083194	Spring	1
5	054148	Nylon Bearing	2	12	033222	Collar	1
6	033218	Male Guard Tube	1	13	057091	Retaining Ring	1
7	533008	Female Guard Tube, w/Decal	1	14	078875	Danger Decal	1

SLEEVE HITCH KIT NO. 731003



REF. NO.	PART NO.	DESCRIPTION	NO. REQD.	REF. NO.	PART NO.	DESCRIPTION	NO. REQD.
1	031534	ARM	2	15	067025	COTTER PIN, 3/16 x 2	2
2	031533	SHAFT	1	16	067012	COTTER PIN, 3/16 x 1-1/2	1
3	055085	BEARING, Half	4	17	067004	COTTER PIN, 1/4 x 1	5
4	064113	WASHER, 1-1/32 Hex	1	18	031012	PIN	2
5	031278	LIFT LINK	1	19	031281	LIFT STRAP	2
6	031286	CLEVIS PIN 5/8 x 1-1/2	2	20	064003	WASHER 1/2	4
7	031348	LATCH	1	21	031280	BAIL ASSEMBLY	1
8	031535	CLEVIS PIN 1/2 x 1-1/2	1	22	031283	HITCH PIN	1
9	067023	COTTER PIN, .094 x 1-7/8	1	23	031282	STABILIZER PLATE	1
10	067013	HAIR PIN COTTER, 3/32 x 2-1/4	2	24	059013	CAP SCREW, 5/8-11 x 2-1/2	2
11	067022	HAIR PIN COTTER, .148 x 2-3/4	2	25	065007	NUT, 5/8-11	2
12	067008	HAIR PIN, .0915 x 1-7/8	2	26	031279	ADAPTOR HITCH PIVOT	2
13	065039	LOCKNUT, Hex 3/8 - 16	1	27	059023	CAP SCREW, 3/8-16 x 3/4	1
14	013315	CLEVIS PIN, 1/2 x 1-1/2	2				

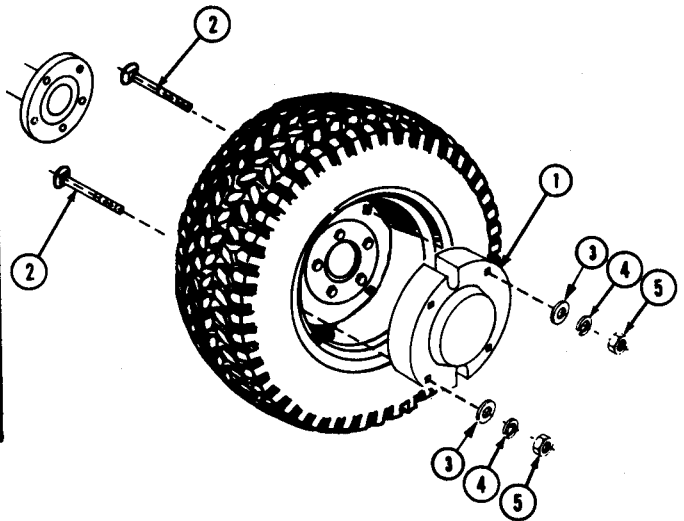
WHEEL WEIGHT KIT MODEL 731004



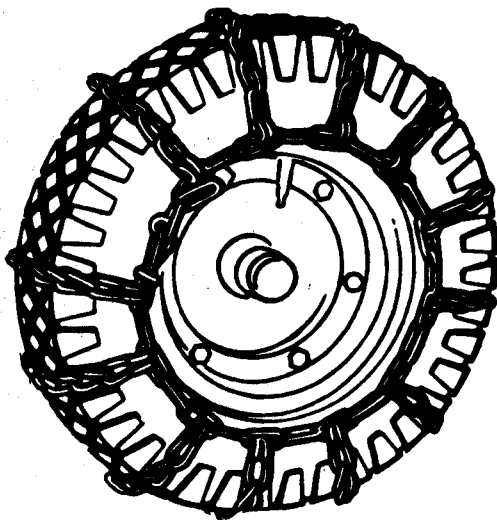
REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	031700	WHEEL WEIGHT	2
2	062058	CARRIAGE BOLT, ½ - 13 X 8	4
3	064003	WASHER	4
4	063006	LOCKWASHER	4
5	065021	NUT, ½ - 13 F.H.	4

WHEEL WEIGHT KIT MODEL 731020

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	031041	WHEEL WEIGHT	2
2	062057	CARRIAGE BOLT, ½ - 13 X 6-½	4
3	064003	WASHER	4
4	063006	LOCKWASHER	4
5	065021	NUT, ½ - 13 F.H.	4



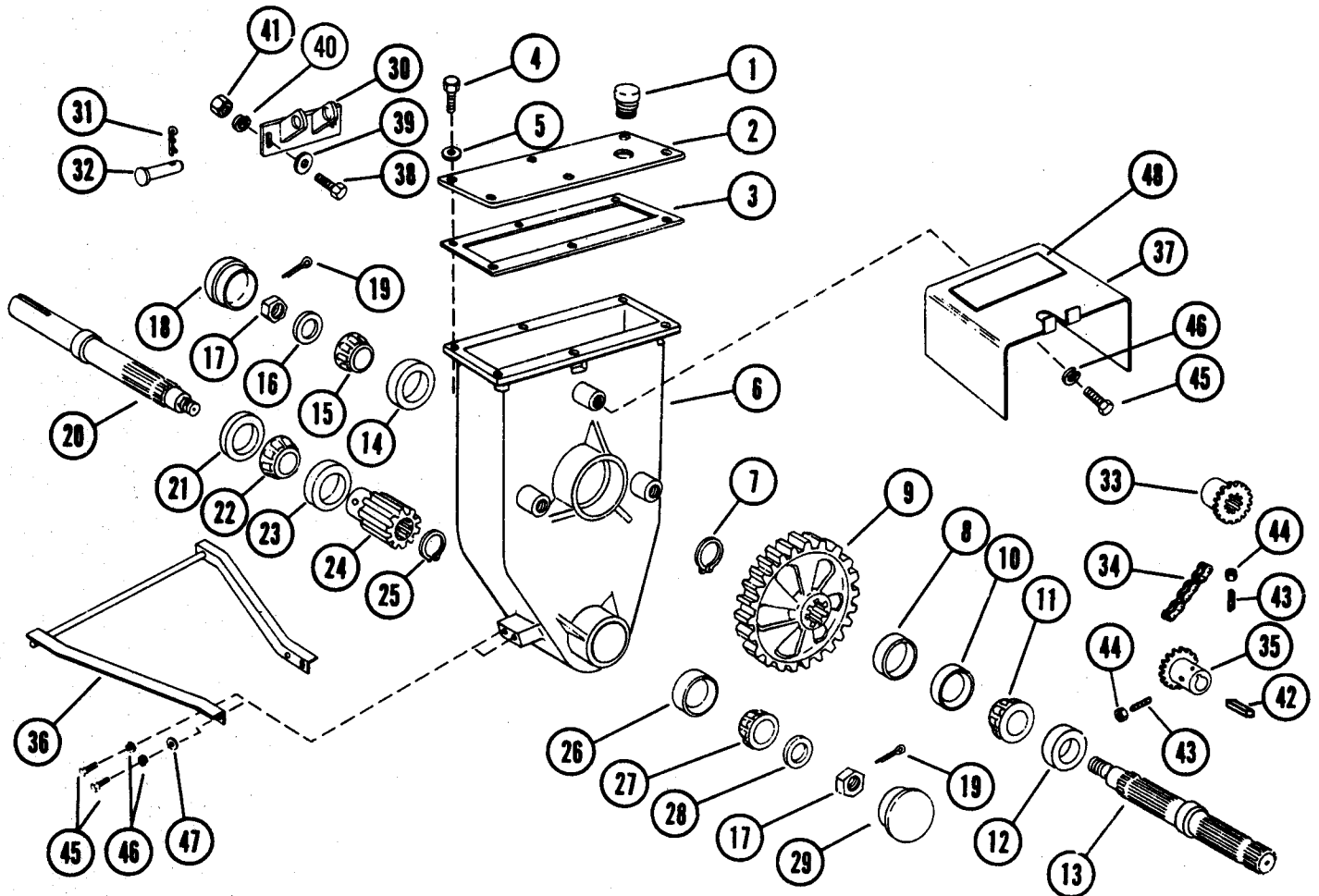
TIRE CHAINS MODEL NO. 731005 & 731015



MODEL NUMBER 731005 TIRE CHAINS
FIT (23 X 10.50 X 12)

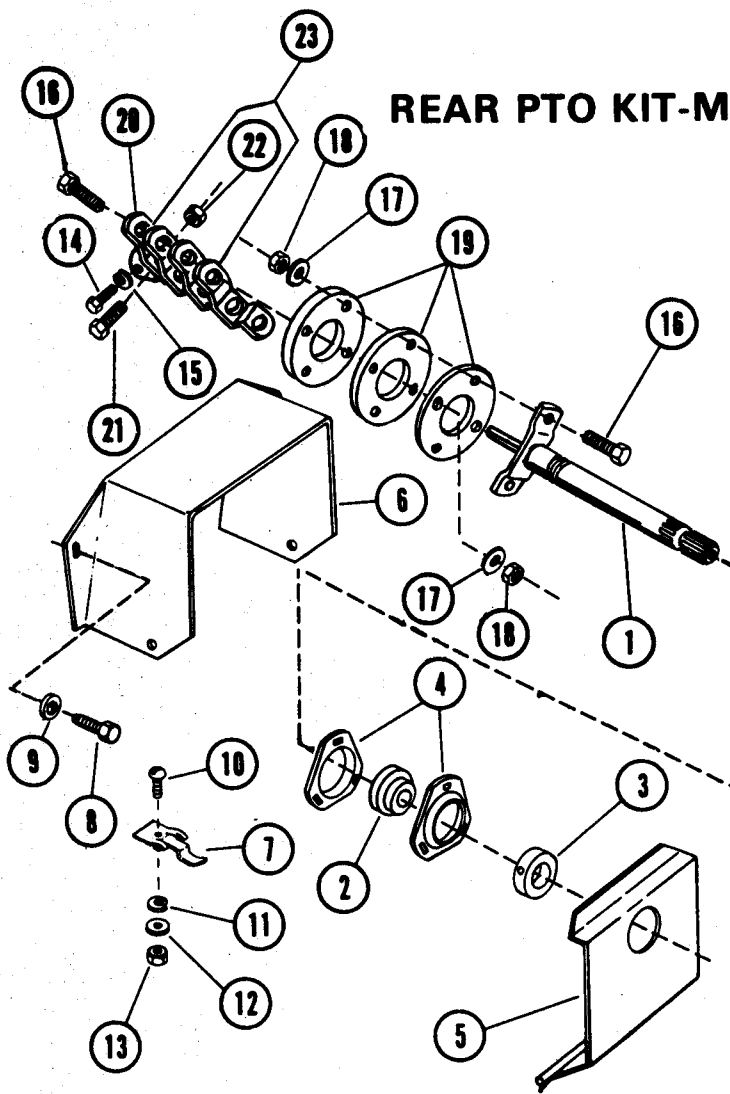
MODEL NUMBER 731015 TIRE CHAINS
FIT (23 X 8.50 X 12)

FRONT PTO - 540 RPM KIT - MODEL 731010



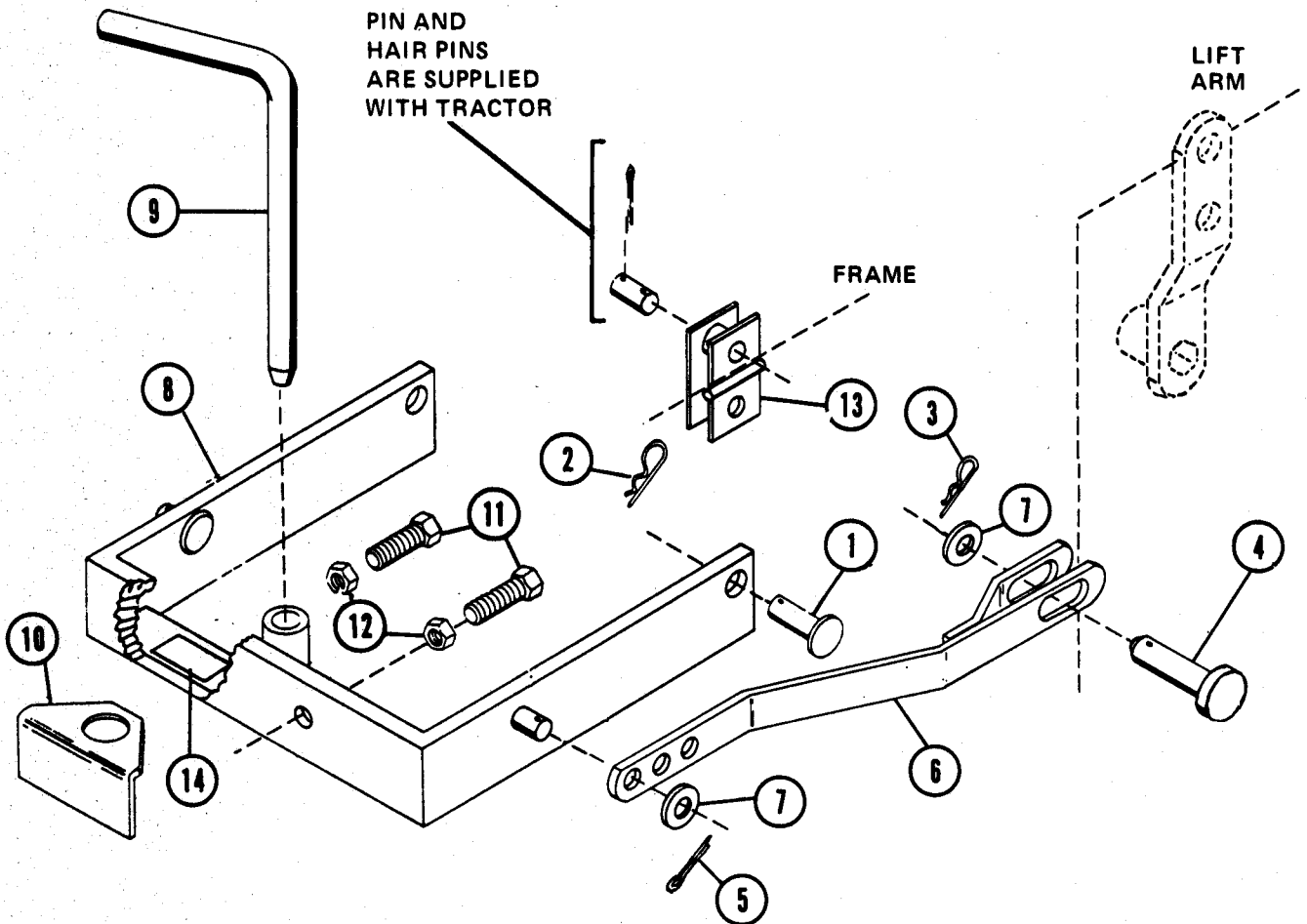
REF NO.	PART NO.	DESCRIPTION	NO REQ'D	REF NO.	PART NO.	DESCRIPTION	NO REQ'D
1	031307	AIR VENT	1	25	057062	SNAP RING	1
2	031331	COVER	1	26	054044	BEARING CUP	1
3	031330	GASKET	1	27	054045	BEARING CONE	1
4	059028	CAP SCREW, 1/4" - 20 x 1/2" Lg.	6	28	064009	WASHER, 13/16"	1
5	063002	LOCKWASHER 1/4"	6	29	031347	DUST CAP	1
6	031322	GEAR BOX	1	30	031316	PLATE	1
7	057056	SNAP RING	1	31	067029	PIN, Hair Cotter	1
8	031328	SPACER	1	32	031008	PIN	1
9	031329	GEAR	1	33	031319	HUB	1
10	054109	BEARING CUP	1	34	031321	CHAIN	1
11	054108	BEARING CONE	1	35	031320	SPROCKET	1
12	056077	SEAL	1	36	031318	BRACE	1
13	631044	SHAFT ASSEMBLY	1	37	031317	SHIELD	1
14	054070	BEARING CUP	1	38	059004	CAP SCREW 3/8" x 1" Lg.	2
15	054069	BEARING CONE	1	39	064008	WASHER 3/8"	2
16	064109	WASHER 3/4"	1	40	063021	LOCKWASHER 3/8"	2
17	065049	NUT, Slotted Jam 5/8"	2	41	065018	NUT 3/8"	2
18	031087	DUST CAP	1	42	066026	KEY 1/4"	1
19	067004	PIN, Cotter	2	43	060028	SET SCREW 5/16" - 18 - 3/4"	2
20	631043	SHAFT	1	44	065061	NUT, Jam 5/16"	2
21	056076	SEAL	1	45	059069	CAP SCREW 5/16" - 18 - 1-1/4"	7
22	054106	BEARING CONE	1	46	063003	LOCKWASHER 5/16"	7
23	054107	BEARING CUP	1	47	064002	WASHER 5/16"	2
24	031325	PINION GEAR	1	48	078271	CAUTION DECAL	1

REAR PTO KIT-MODEL 731014 (FITS 931004, 5, 6, 8, 9, 10, 15, 16, 17, 18)



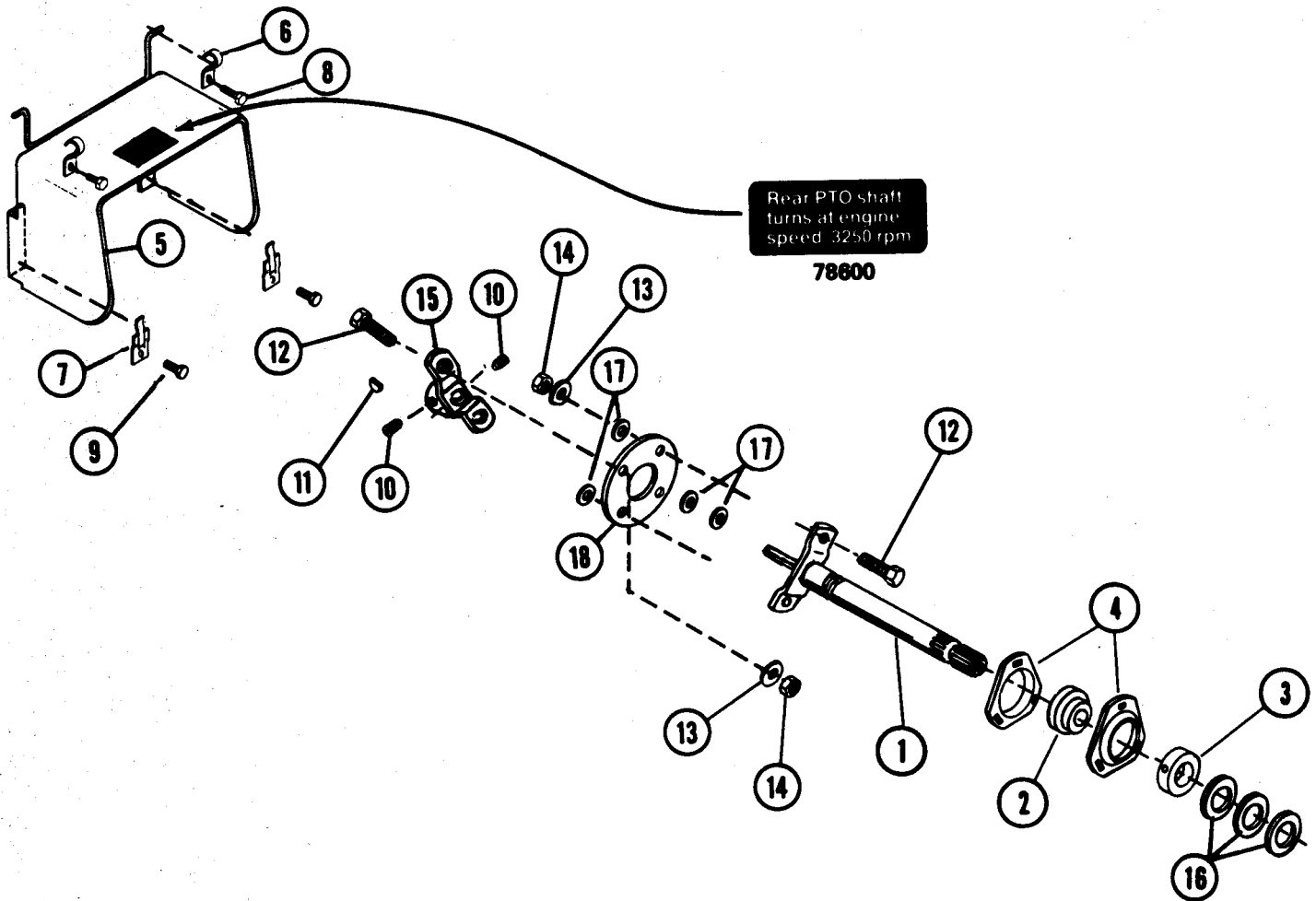
REF NO.	PART NO.	DESCRIPTION	NO REQ'D
1	631074	PTO SHAFT	1
2	054110	BEARING, Ball	1
3	031315	COLLAR	1
4	031020	FLANGETTE	2
5	031530	COVER	1
6	031571	SHIELD	1
7	031305	SNAP FASTENER	1
8	074041	SCREW, Self tapping, HH, 5/16 x 3/4	2
9	064002	WASHER, Flat, 5/16	2
10	061050	SCREW, Machine, R.H. No. 10 x 1"	1
11	063026	LOCKWASHER, Ext. Tooth, No. 10	1
12	064141	WASHER, Flat, 3/16	1
13	065055	NUT, Hex, No. 10	1
14	059093	CAP SCREW, Hex, S.H. 1/4-20 x 3/4	1
15	063002	LOCKWASHER, 1/4"	1
16	059134	CAP SCREW, 5/16" x 1-1/4"	4
17	064123	WASHER, Flat, 5/16"	4
18	065101	NUT, Crown Lock 5/16"	4
19	031075	SPACER COUPLING	3
20	031528	HUB	1
21	059174	CAP SCREW, H.H. 1/4-20 x 2" Gr. 5	1
22	065070	LOCKNUT, 1/4-20	1
23	031707	ADJUSTING PLATE	3

SLEEVE HITCH KIT NO. 731016



REF. NO.	PART NO.	DESCRIPTION	NO. REQD.
1	031286	CLEVIS PIN 5/8 x 1-1/2	2
2	067013	HAIR PIN COTTER, 3/32 x 2-1/4	2
3	067029	HAIR PIN, .0915 x 1-7/8	2
4	013315	CLEVIS PIN, 1/2 x 1-1/2	2
5	067004	COTTER PIN, 1/4 x 1	2
6	031281	LIFT STRAP	2
7	064003	WASHER	4
8	531053	BAIL W/DECAL	1
9	031283	HITCH PIN	1
10	031282	STABILIZER PLATE	1
11	059013	CAP SCREW, 5/8-11 x 2-1/2	2
12	065007	NUT, 5/8-11	2
13	031279	ADAPTOR HITCH PIVOT	2
14	078281	CAUTION DECAL	1

FITS MODELS 931011, 12, 13, 14, 20, 21



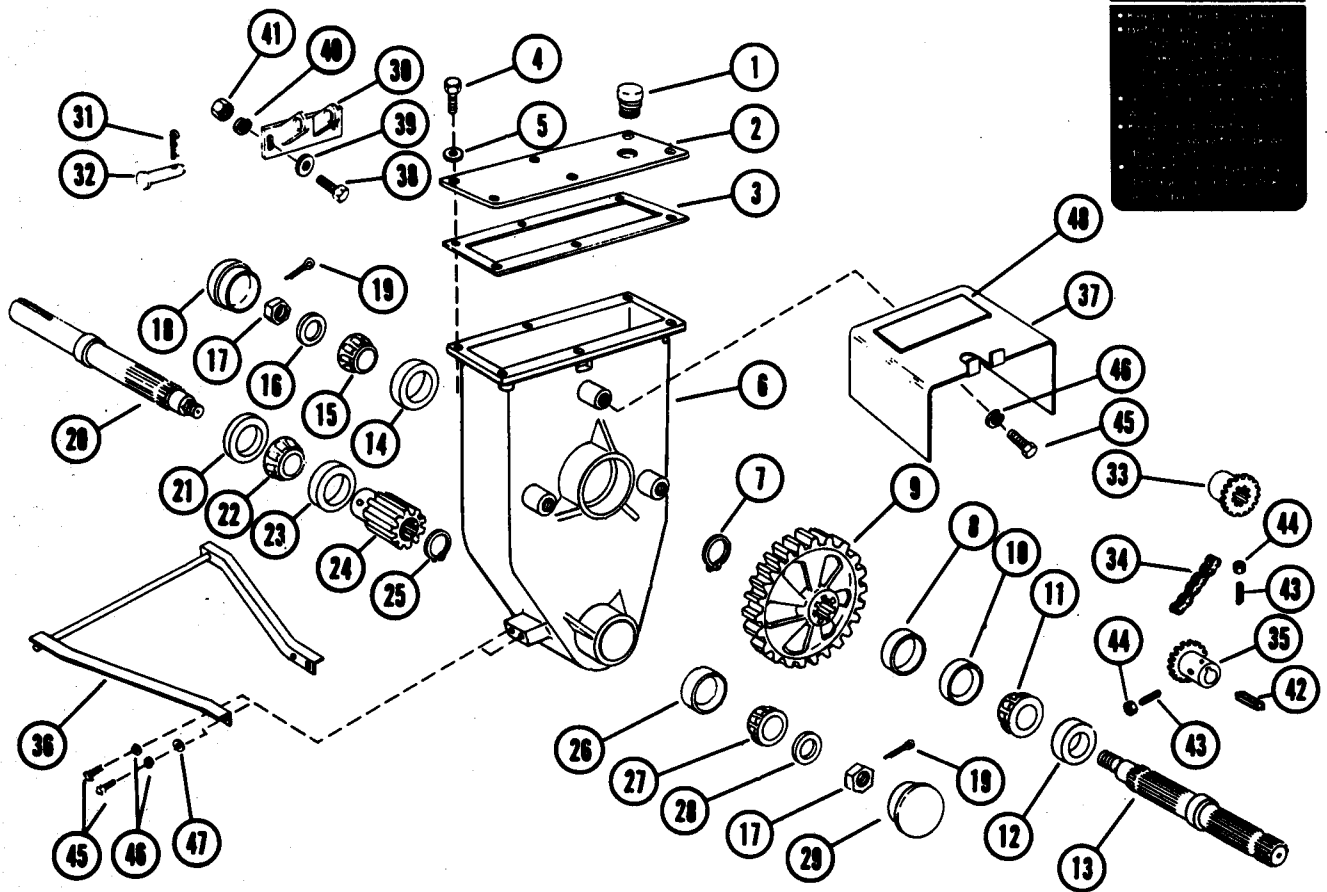
REF PART STOCK
NO. NO. CODE DESCRIPTION

QTY.

1	631074	S	PTO SHAFT	1
2	054110	M	BEARING, Ball	1
3	031315	M	COLLAR	1
4	031020	M	FLANGETTE	2
5	030163	S	SHIELD	1
6	030164	M	CLIP	2
7	031305	M	SNAP FASTENER	2
8	074052	M	TAPTITE	2
9	074054	M	TAPTITE	2
10	060012	M	SET SCREW	2
11	066003	M	KEY, WOODRUFF	1
12	059003	M	CAP SCREW, 5/16-18 x 1	4
13	064123	M	WASHER, Flat, 5/16"	4
14	065042	M	LOCKNUT, 5/16"	4
15	031749	M	HUB	1
16	030029	M	SPACER	3
17	025062	M	WASHER	4
18	031952	F	SPACER COUPLING	1

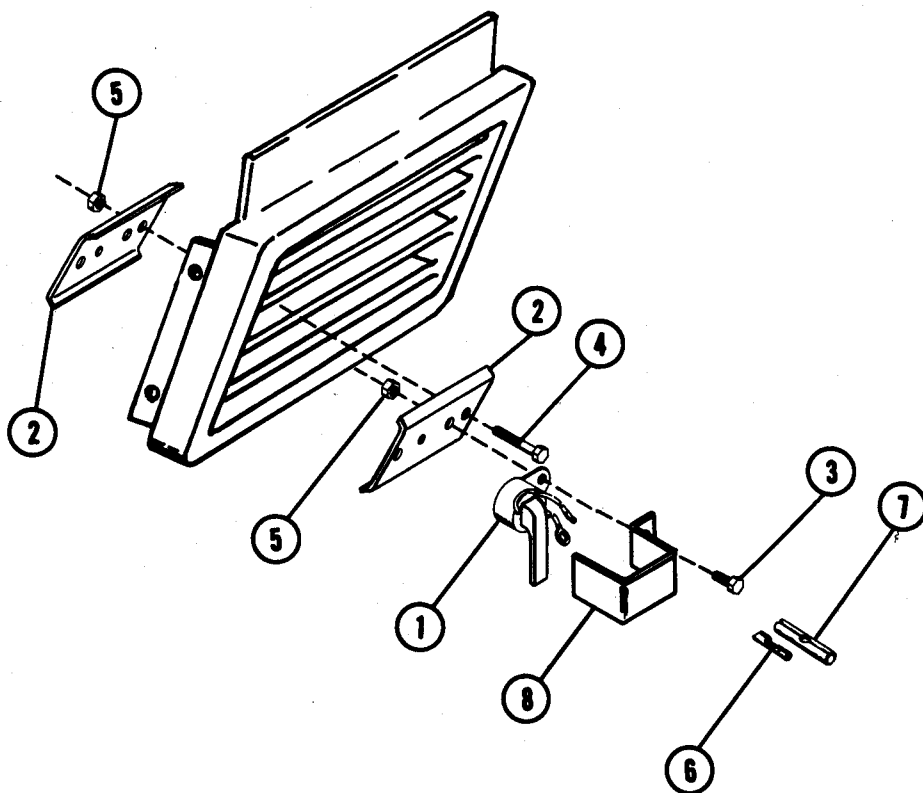
FRONT PTO - 540 RPM KIT - MODEL 731019

CAUTION



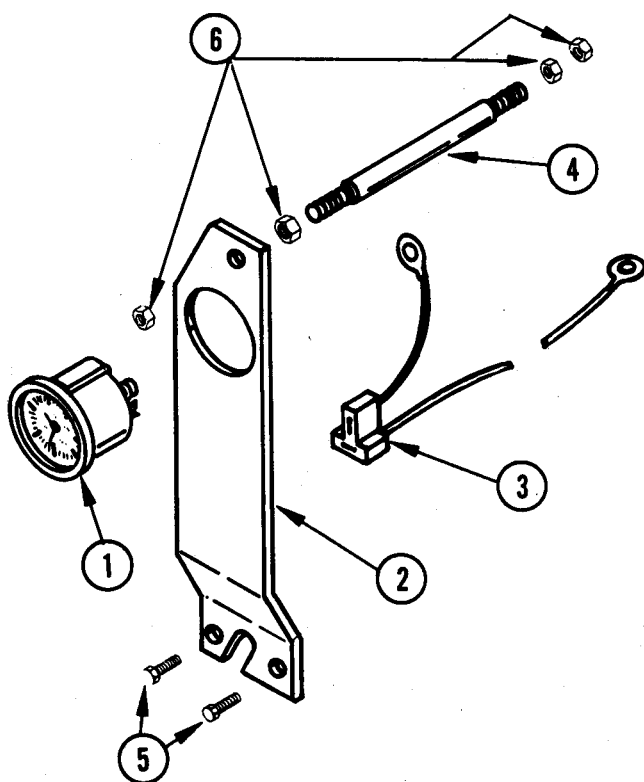
REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D	REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	031307	M AIR VENT	1	25	057062	M SNAP RING	1
2	031331	S COVER	1	26	054044	M BEARING CUP	1
3	031330	M GASKET	1	27	054045	M BEARING CONE	1
4	059028	M CAP SCREW, 1/4" - 20 x 1/2" Lg.	6	28	064009	M WASHER, 13/16"	1
5	063002	M LOCKWASHER 1/4"	6	29	031347	M DUST CAP	1
6	031322	O GEAR BOX	1	30	031316	S PLATE	1
7	057056	M SNAP RING	1	31	067029	M PIN, Hair Cotter	1
8	031328	S SPACER	1	32	031008	M PIN	1
9	031329	M GEAR	1	33	031319	S HUB	1
10	054109	M BEARING CUP	1	34	031321	F CHAIN	1
11	054108	M BEARING CONE	1	35	031320	M SPROCKET	1
12	056077	F SEAL	1	36	031318	S BRACE	1
13	631044	M SHAFT ASSEMBLY	1	37	031317	S SHIELD	1
14	054070	M BEARING CUP	1	38	059004	M CAPSCREW 3/8" x 1" Lg.	2
15	054069	M BEARING CONE	1	39	064008	M WASHER 3/8"	2
16	064109	M WASHER 3/4"	1	40	063021	M LOCKWASHER 3/8"	2
17	065049	M NUT, Slotted Jam 5/8"	2	41	065018	M NUT 3/8"	2
18	031087	M DUST CAP	1	42	066026	M KEY 1/4"	1
19	067004	M PIN, Cotter	2	43	060028	M SET SCREW 5/16" - 18 - 3/4"	2
20	631043	S SHAFT	1	44	065061	M NUT, Jam 5/16"	2
21	056076	F SEAL	1	45	059069	M CAPSCREW 5/16" - 18 - 1-1/4"	7
22	054106	M BEARING CONE	1	46	063003	M LOCKWASHER 5/16"	7
23	054107	M BEARING CUP	1	47	064002	M WASHER 5/16"	2
24	031325	M PINION GEAR	1	48	078271	O CAUTION DECAL	1

FRONT PTO - 540 RPM INTERLOCK KIT MODEL 731019



REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D	REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	031854	INTERLOCK SWITCH	1	5	065041	LOCKNUT	3
2	031850	SWITCH BRACKET	2	6	023342	SNAP PLUG RECEPTICLE	1
3	059097	CAP SCREW 10-24 x 3/8"	1	7	023348	INSULATION SLEEVE	1
4	059116	CAPSCREW 10-24	2	8	031855	SWITCH GUARD	1

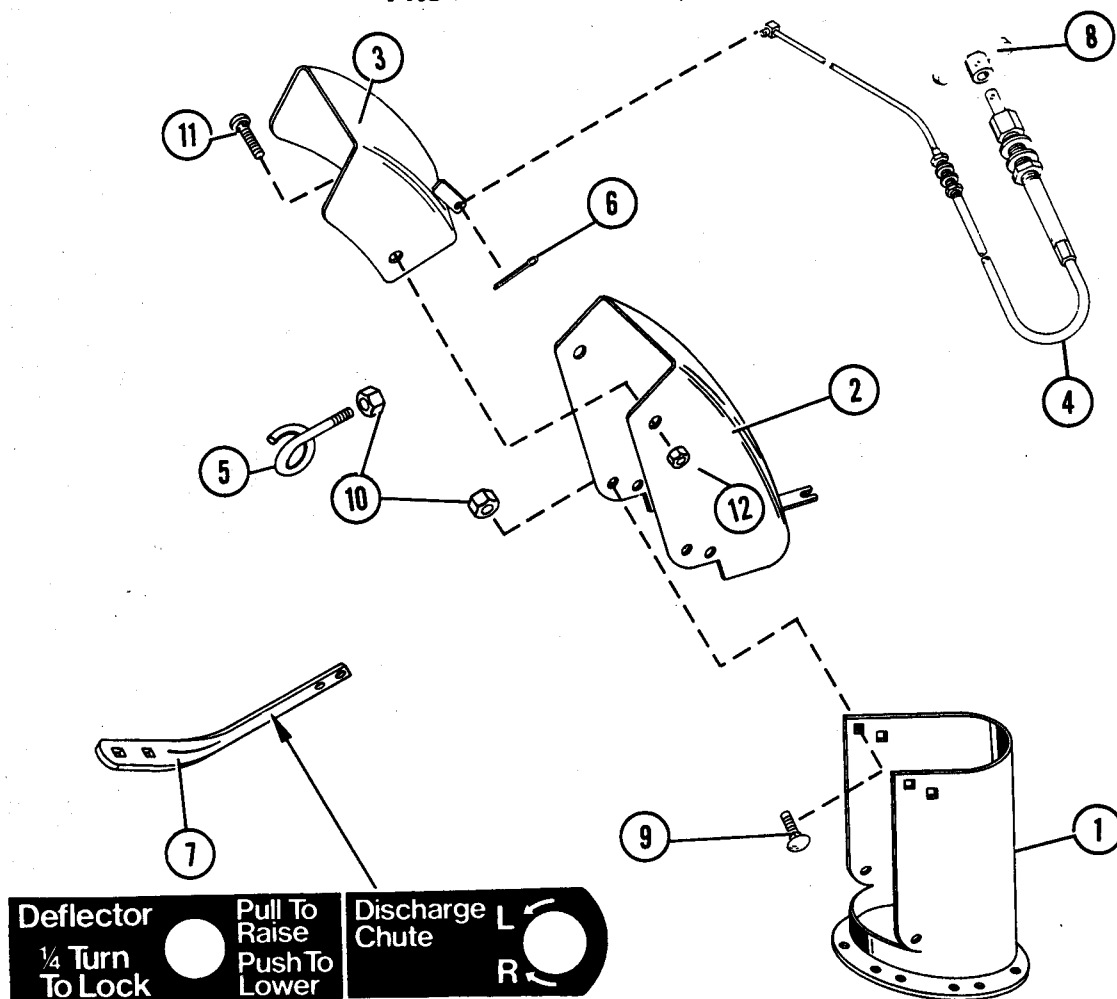
HOURL METER KIT MODEL 731022



REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	031962	HOURL METER, (Includes mounting strap and hardware)	1
2	031961	MOUNTING PLATE	1
3	031964	WIRE HARNESS	1
4	031965	BRACE ROD	1
5	074052	TAPTITE	2
6	065056	HEX NUTS	4

MODEL 731025 REMOTE DEFLECTOR KIT

Fits Models 831009, 831010

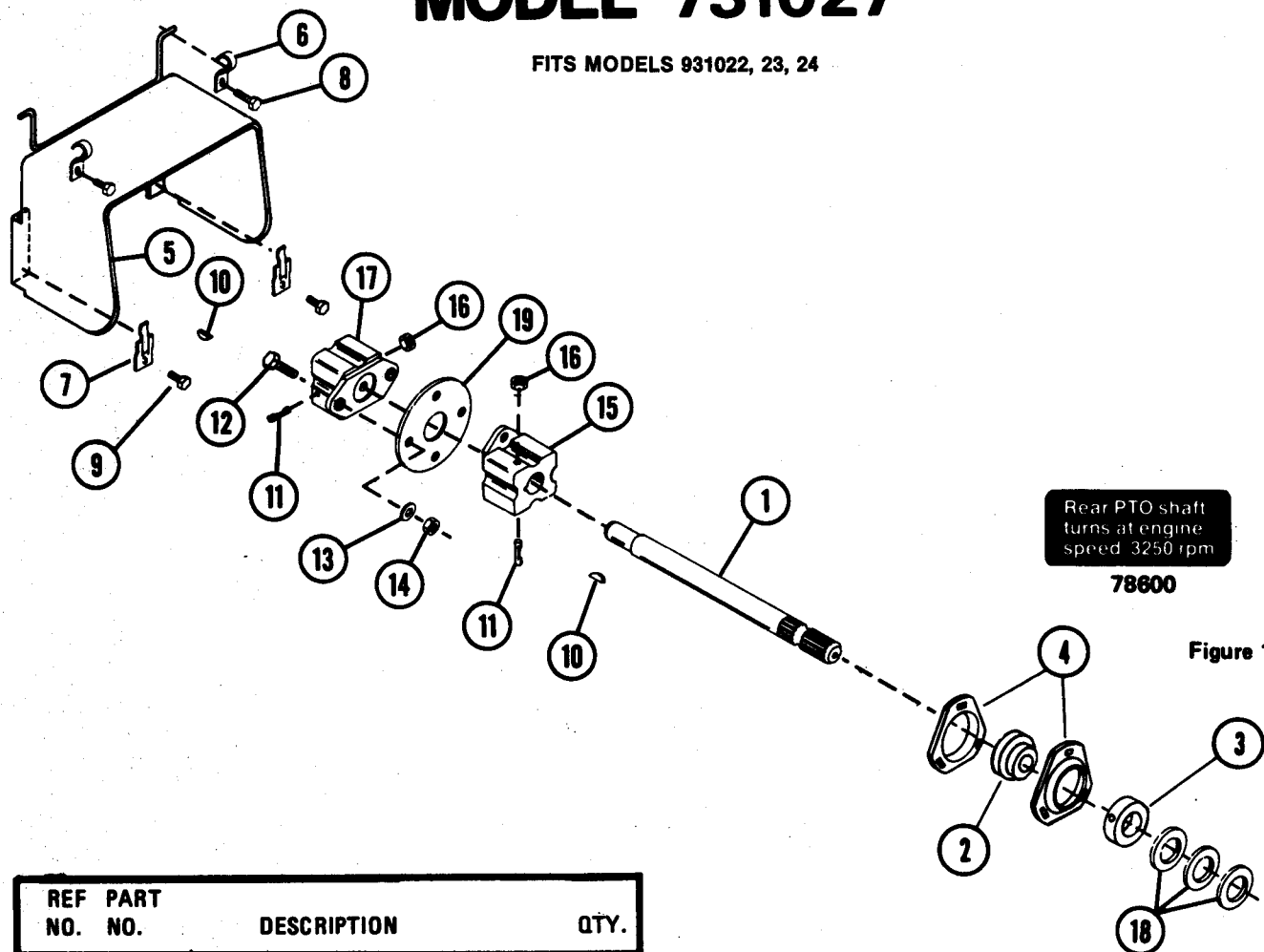


78545

REF. NO.	PARTS NO.	DESCRIPTION	NO. REQ'D
1	030058	DISCHARGE CHUTE	1
2	030059	CHUTE	1
3	030060	CHUTE DEFLECTOR	1
4	069121	CHUTE CONTROL	1
5	059110	CLIP	1
6	067001	PIN, COTTER, 3/32 x 3/4	1
7	030079	CABLE SUPPORT	1
8	075091	T-HANDLE	1
9	062017	CARRIAGE BOLT, 1/4-20 x 5/8	4
10	065056	WHIZLOCK NUT, 1/4-20	6
11	059023	CAP SCREW, 3/8-16 x 3/4 GR. 2	2
12	065039	LOCKNUT, 3/8-16	2

REAR PTO KIT MODEL 731027

FITS MODELS 931022, 23, 24



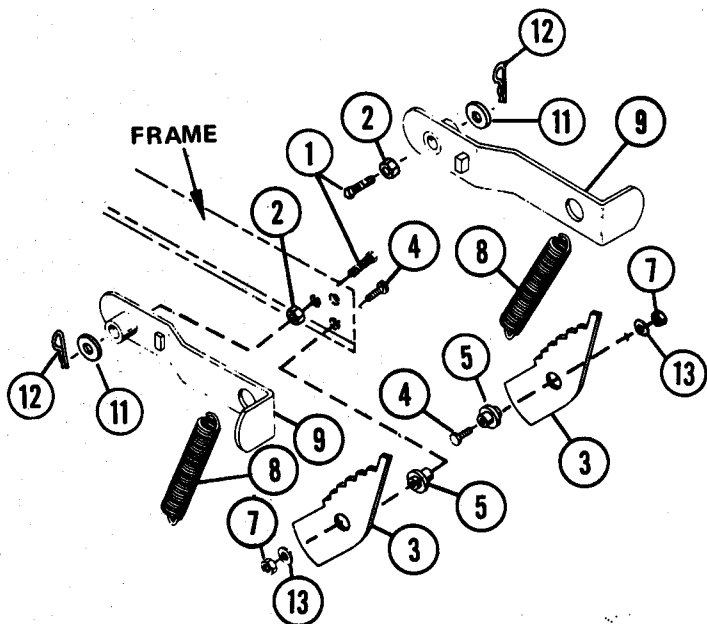
REF NO.	PART NO.	DESCRIPTION	QTY.
1	030162	PTO SHAFT	1
2	054110	BEARING, Ball	1
3	031315	COLLAR	1
4	031020	FLANGETTE	2
5	030163	SHIELD	1
6	030164	CLIP	2
7	031305	SNAP FASTENER	2
8	074052	TAPTITE	2
9	074054	TAPTITE	2
10	066003	KEY, Woodruff, 3/16 x 3/4	2
11	030139	LOCK STUD	2
12	059022	CAP SCREW, 5/16-18 x 3/4	4
13	064123	WASHER, Flat, 5/16"	4
14	065042	LOCKNUT, 5/16"	4
15	030142	DRIVE HUB	1
16	065122	LOCKNUT	2
17	030148	DRIVE HUB, Hydro	1
18	030029	SPACER	3
19	030140	SPACER COUPLING	1

Ariens

731028 SNO-THRO COUNTER BALANCE KIT

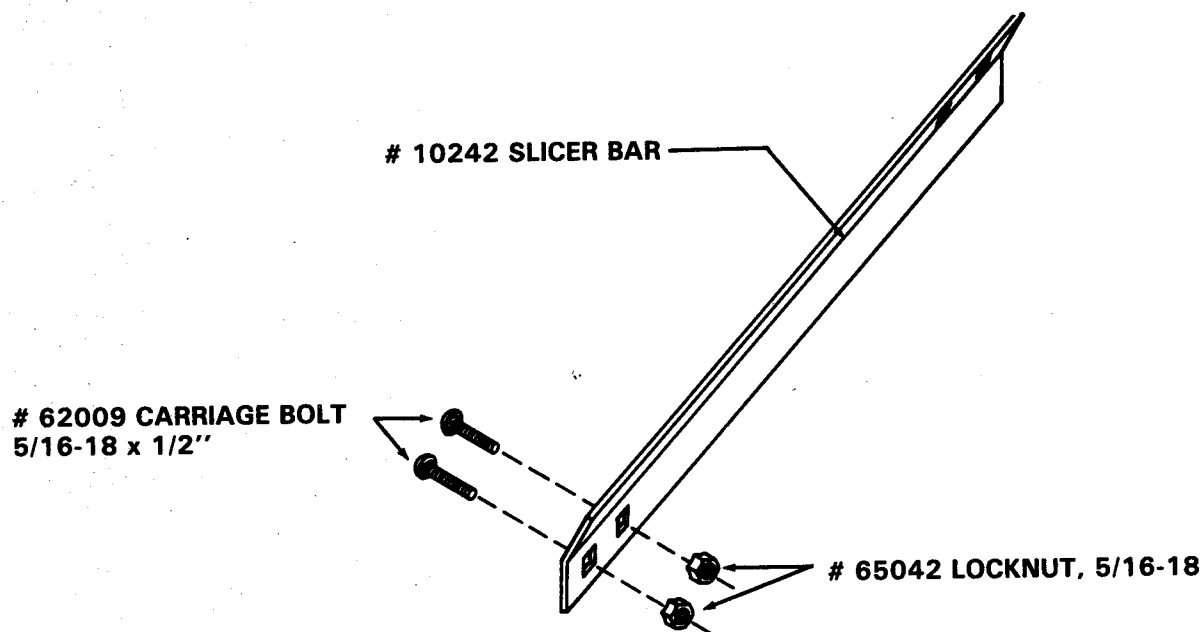
Will Fit Model 831009 Sno-Thro.

Kit can be used to mount Model 831010 Sno-Thros prior to Serial No. 6000 to 17 HP. Twin Cylinder Tractor, Model 931019.



REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
1	012268	Weight Stud	2
2	065046	Locknut	2
3	030193	Spring Assist Control	2
4	059069	Cap Screw	2
5	030191	Spacer	2
7	065042	Locknut, 5/16-18	2
8	083177	Spring	2
9	030192	Spring Arm	2
11	064096	Washer, Flat, Special	2
12	067020	Hair Pin Cotter	2
13	064002	Washer	2

MODEL 710997 SLICER BAR KIT FOR ALL MODELS



ELECTRIC REAR PTO KIT MODEL 731029

FOR GARDEN TRACTOR MODELS 931022, 23, 24

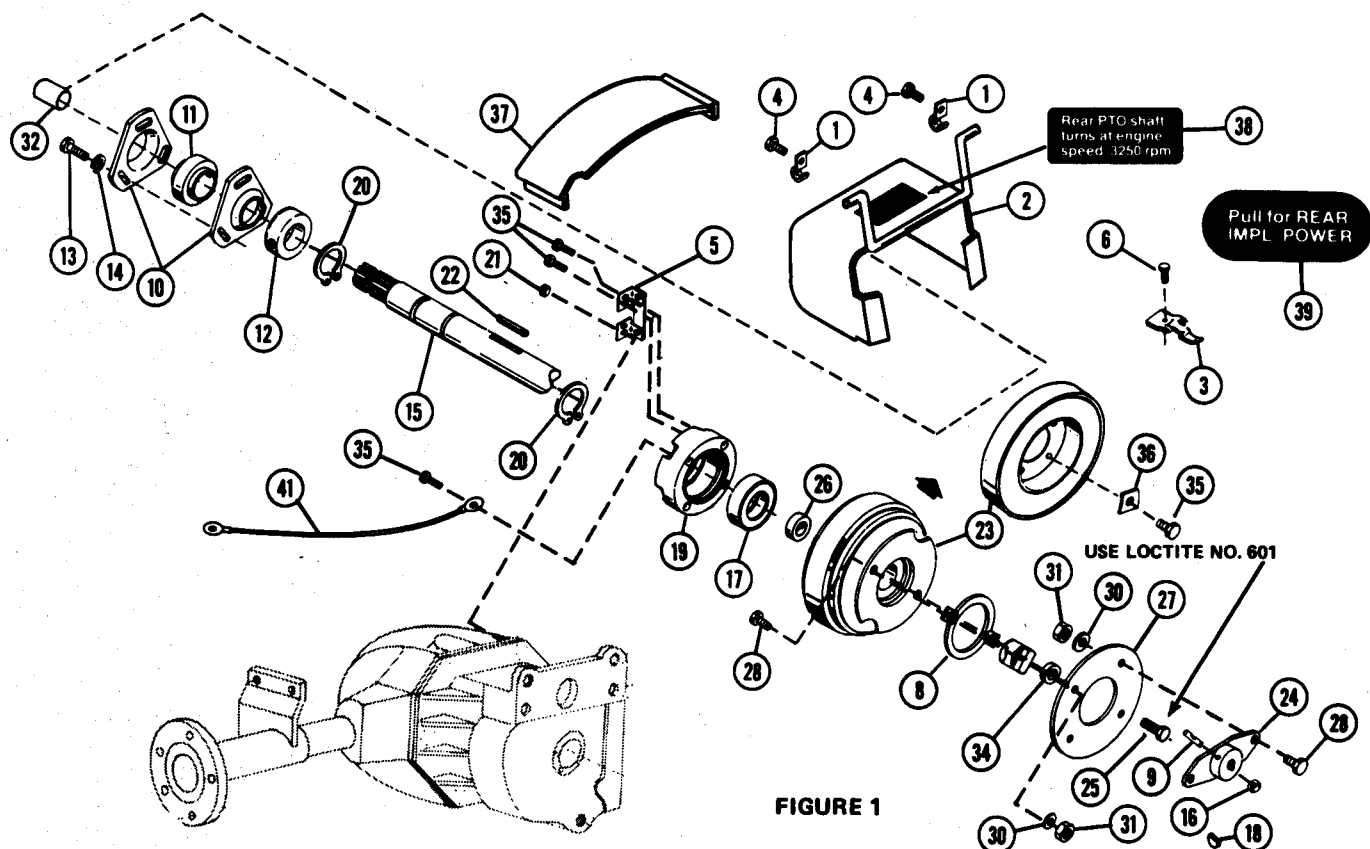
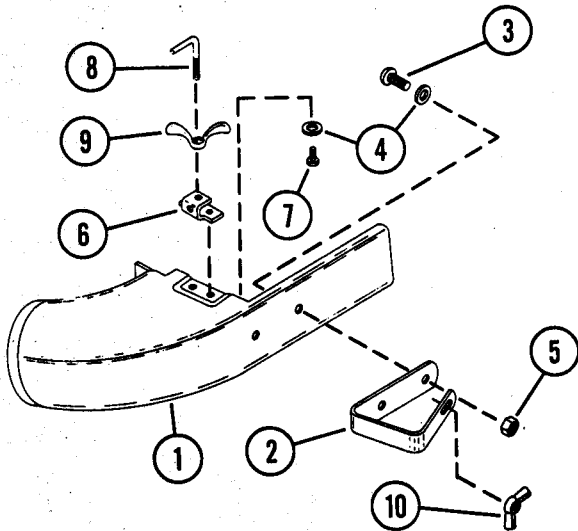


FIGURE 1

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D	REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	030164	CLIP	2	22	066022	KEY	1
2	030163	SHIELD	1	23	031990	CLUTCH ASSEMBLY	1
3	031305	SNAP FASTENER	2	24	031988	HUB	1
4	074052	TAPTITE	2	25	070063	CAP SCREW, 3/8-16 x 1 1/4" Button Hd.	1
5	631209	LINK ASS'Y	1	26	030160	SPACER	1
6	074054	TAPTITE	2	27	031993	COUPLING	1
8	030158	PILOT PLATE	1	28	059022	CAP SCREW	4
9	030139	STUD	1	30	064123	WASHER	4
10	031020	FLANGETTE	2	31	065042	LOCKNUT	4
11	054110	BEARING, Ball	1	32	075060	CAP	1
12	031315	COLLAR	1	34	030157	RETAINER	1
13	059022	CAP SCREW	3	35	074061	TAPTITE	7
14	063003	LOCKWASHER	3	36	030159	TAB	4
15	031991	SHAFT, Rear PTO	1	37	030161	GUARD (931019 & 931024)	1
16	065122	LOCKNUT, Grade C	1	38	078600	REAR PTO DECAL	1
17	054052	BEARING, Ball	1	39	078548	REAR IMPLEMENT DECAL	1
18	066003	KEY	1	41	023030	GROUND WIRE	1
19	031989	BEARING HUB	1	42	031150	CLUTCH SWITCH *	1
20	057073	SNAP RING, External	2	43	075068	KNOB *	1
21	065043	LOCKNUT	1	44	030171	CLUTCH HARNESS *	1

*NOT SHOWN ABOVE

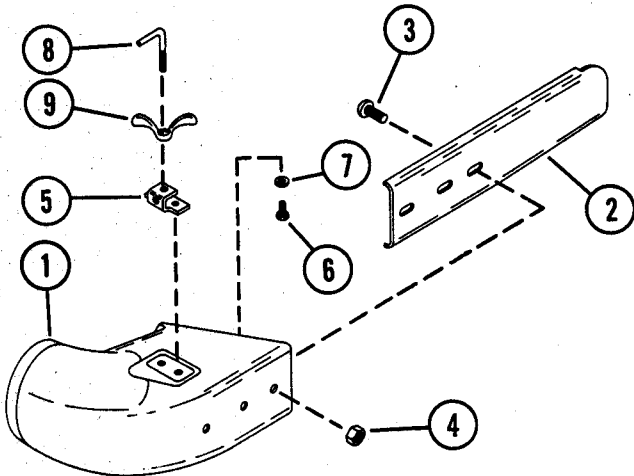
42'' BOOT KIT NO. 731032



NOTE: THIS BOOT ACCESSORY MUST BE USED WITH MODEL 831011 - 42'' MOWER (ONLY) WHEN INSTALLING VAC.

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	030252	42'' Collector Boot	1
2	030251	42'' Mounting Bracket	1
3	061015	Machine Screw, 1/4-20 x 1/2 Round	2
4	064037	Washer	4
5	065056	Flange Whizlock Nut	2
6	030249	Collector Boot Clamp	1
7	059104	Cap Screw, 1/4-20 x 3/8 GR 2 HHPL	2
8	030250	Adjustor	1
9	011012	Wing Nut	1
10	065113	Wing Nut	1

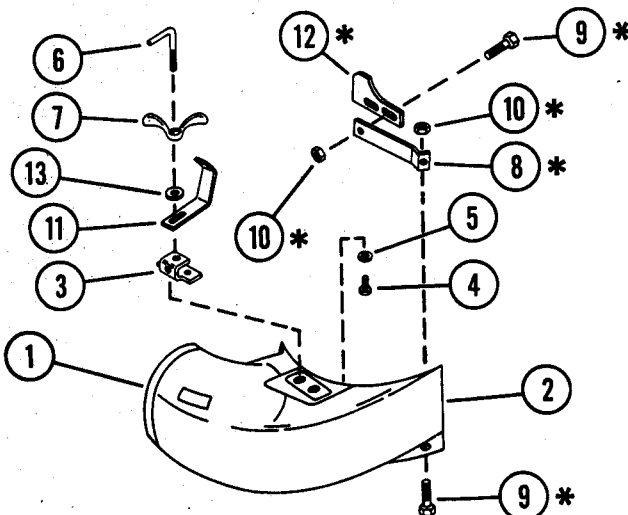
48'' BOOT KIT NO. 731033



NOTE: THIS BOOT ACCESSORY MUST BE USED WITH MODEL 831012 - 48'' MOWER (ONLY) WHEN INSTALLING VAC.

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	030247	48'' Collector Boot	1
2	030248	48'' Coll. Extension	1
3	061041	Machine Screw, 1/4-20 x 1/2 Round	3
4	065056	Flange Whizlock Nut	3
5	030249	Collector Boot Clamp	1
6	059104	Cap Screw, 1/4-20 x 3/8 GR 2 HHPL	2
7	064037	Washer	2
8	030250	Adjustor	1
9	011012	Wing Nut	1

60'' BOOT KIT NO. 731047



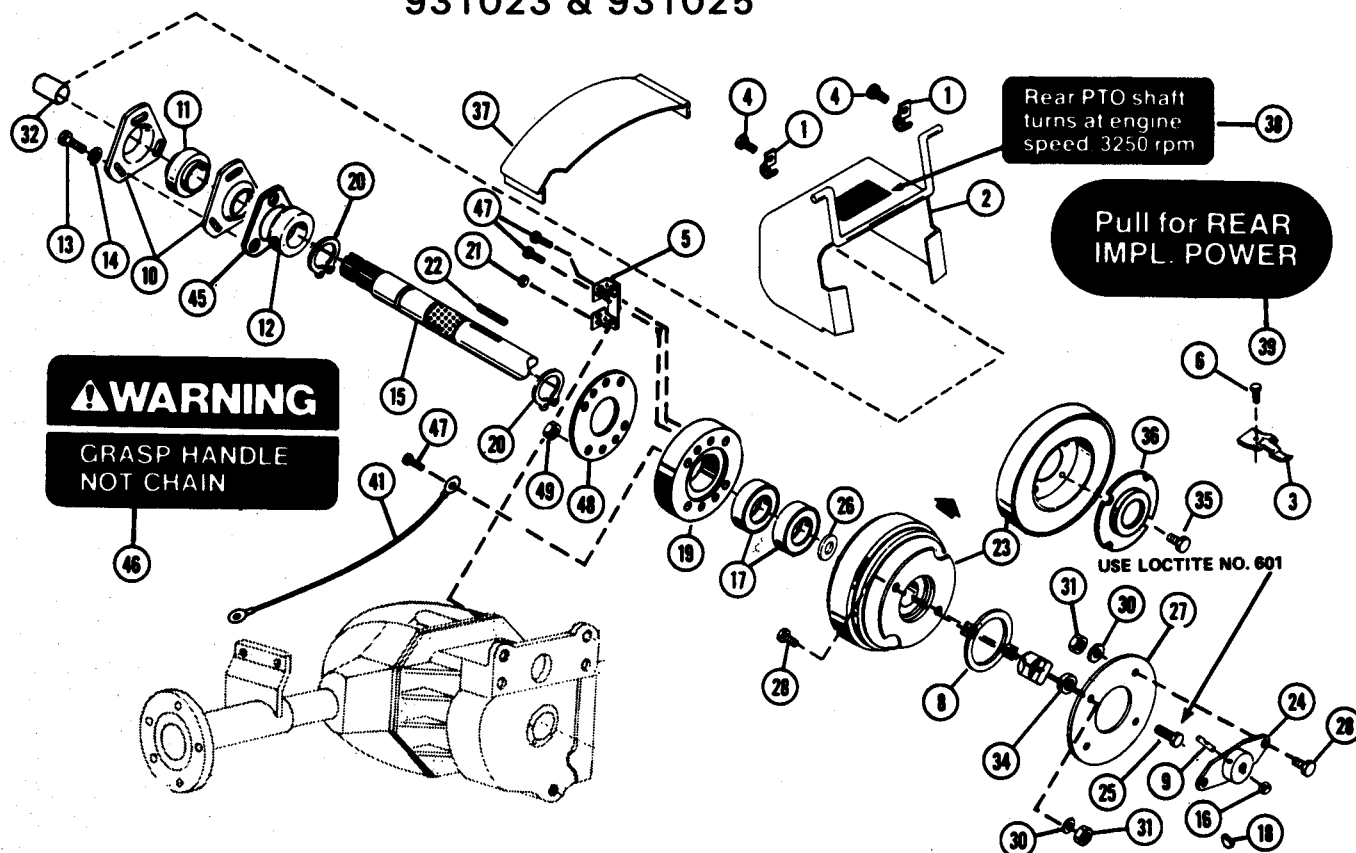
NOTE: THIS BOOT ASSEMBLY IS A COMPONENT OF LATER MODEL VAC BAGGERS AND VAC TRAILERS AND MUST BE USED WITH MODELS 831026, 28, 29.

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D
1	030737	60'' Collector Boot	1
2	030370	Collector Boot	1
3	030249	Boot Clamp	1
4	059104	Cap Screw, 1/4-20 x 3/8''	2
5	064037	Washer, .256/.296 x 1-1/4 x 1/16''	2
6	030250	Adjustor	1
7	011012	Wing Nut	1
8	030382	Stop Bracket	1
9	059080	Cap Screw, 1/4-20 x 5/8''	2
10	065040	Locknut, 1/4-20	2
11	030388	Deflector Stop	1
12	030389	Plate	1
13	064002	Washer, 5/16''	1

* THESE COMPONENTS ARE USED ONLY WHEN INSTALLING VAC ON MODEL 831026 - 60'' MOWER.

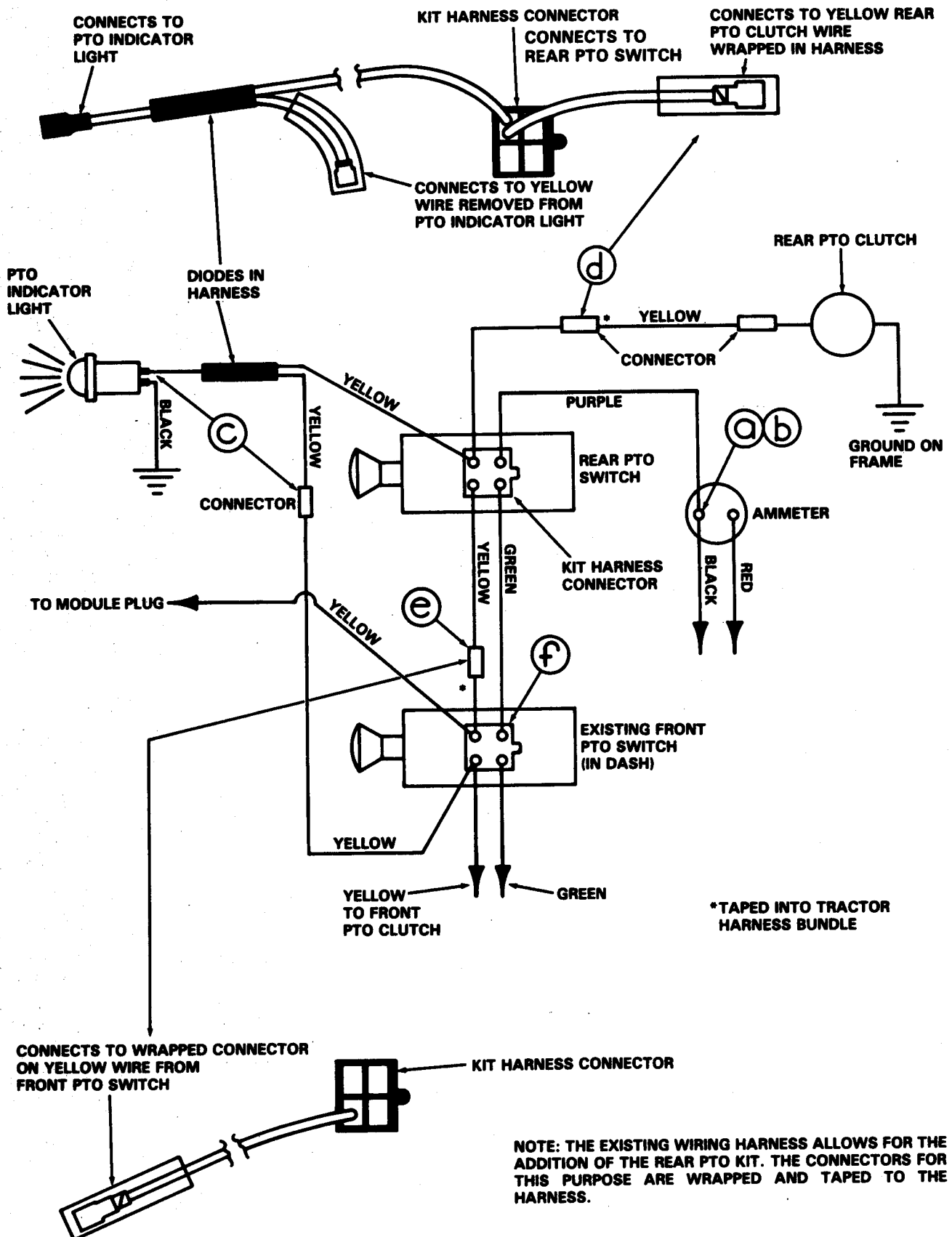
ELECTRIC REAR PTO MODEL NO. 731046

FOR ARIENS GARDEN TRACTOR MODELS 931022,
931023 & 931025



REF. NO	PART NO	DESCRIPTION	NO. REQ'D	REF. NO	PART NO	DESCRIPTION	NO. REQ'D
1	030164	Clip	2	25	070063	Cap Screw, 3/8-16 x 1 1/4" Button Hd.	1
2	030163	Shield	1	26	064199	Washer Special	1
3	031305	Snap Fastener	2	27	031993	Coupling	1
4	074052	Taprite	2	28	059022	Cap Screw	4
5	631261	Link Assembly	1	30	064123	Washer	4
6	074054	Taprite	2	31	065042	Locknut	4
8	030158	Pilot Plate	1	32	075060	Cap	1
9	030139	Stud	1	34	030157	Retainer	1
10	031020	Flangette	2	35	061060	Machine Screw, 10-24 x 1 1/4	4
11	054110	Bearing, Ball	1	36	030366	Bearing Flange	1
12	031315	Collar	1	37	030161	Guard (931019 & 931024)	1
13	059003	Cap Screw	3	38	078600	Rear PTO Decal	1
14	063003	Lockwasher	3	39	078548	Rear Implement Decal	1
15	030367	Shaft, Rear PTO	1	41	023030	Ground Wire	1
16	065122	Locknut, Grade C	1	42	031150	Clutch Switch*	1
17	054052	Bearing, Ball	2	43	075068	Knob*	1
18	066003	Key	1	44	030171	Clutch Harness*	1
19	030364	Bearing Hub	1	45	030264	Spacer Flange	A/R
20	057073	Snap Ring, External	2	46	078494	Warning Decal	1
21	065043	Locknut	1	47	074027	Taprite	3
22	066022	Key	1	48	030365	Ring	1
23	031990	Clutch Assembly	1	49	065041	Locknut	4
24	031988	Hub	1	*NOT SHOWN ABOVE			

ELECTRIC REAR PTO MODEL NO. 731046

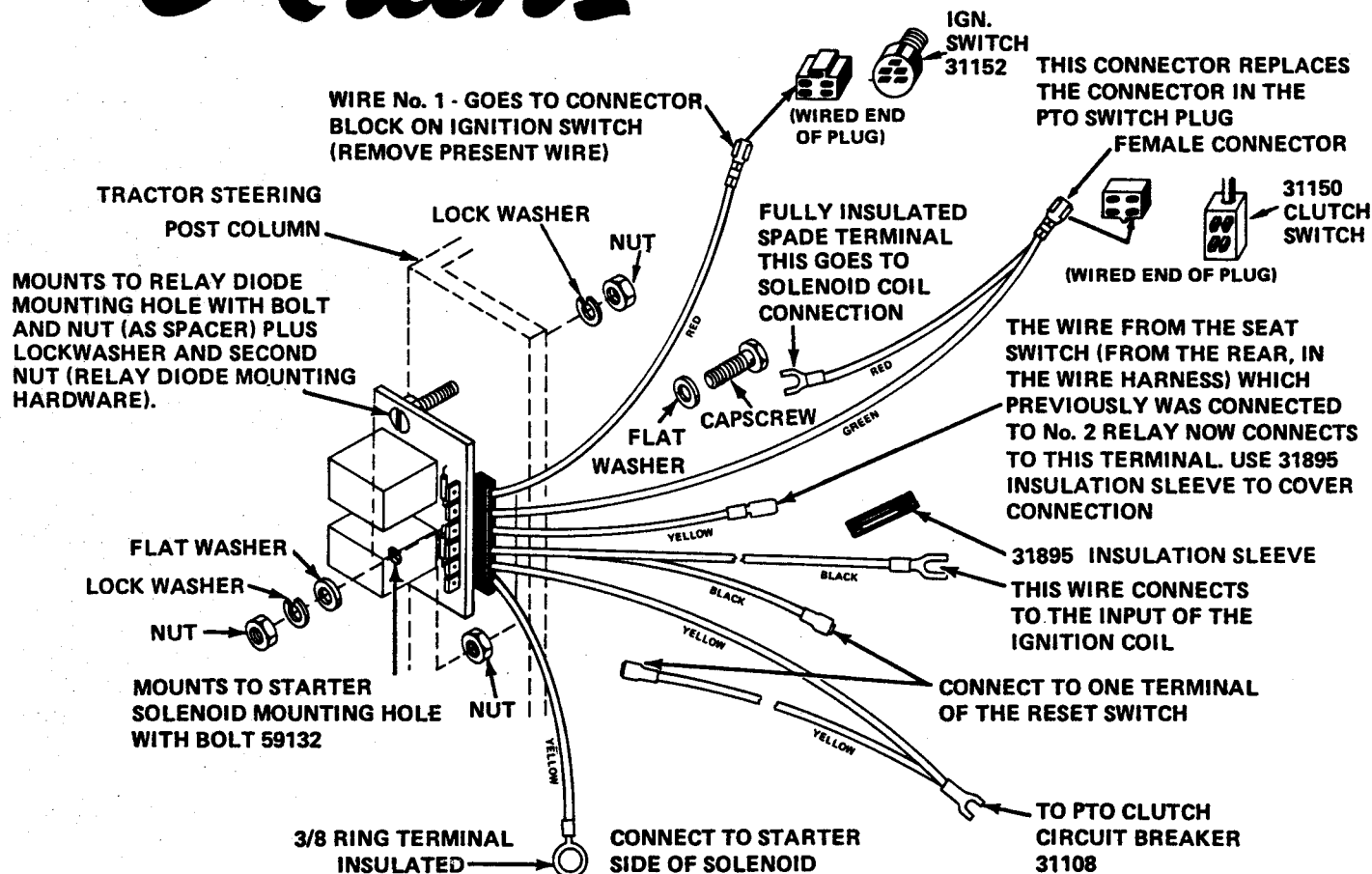




Ariens

INTERLOCK MODULE

PART NO. 531099



531104, 531105 REPLACEMENT MOWER SPINDLE ASSEMBLY

531104 fits all 36RM and 42RM Mowers.
531105 fits all 48RM Mowers

DISASSEMBLY

1. Remove old mower belt shields.
2. Loosen belt by unhooking idler tension spring.
3. Remove both spindle sheaves shafts and spindle housings from mower pan.

ASSEMBLE (See Figure 1)

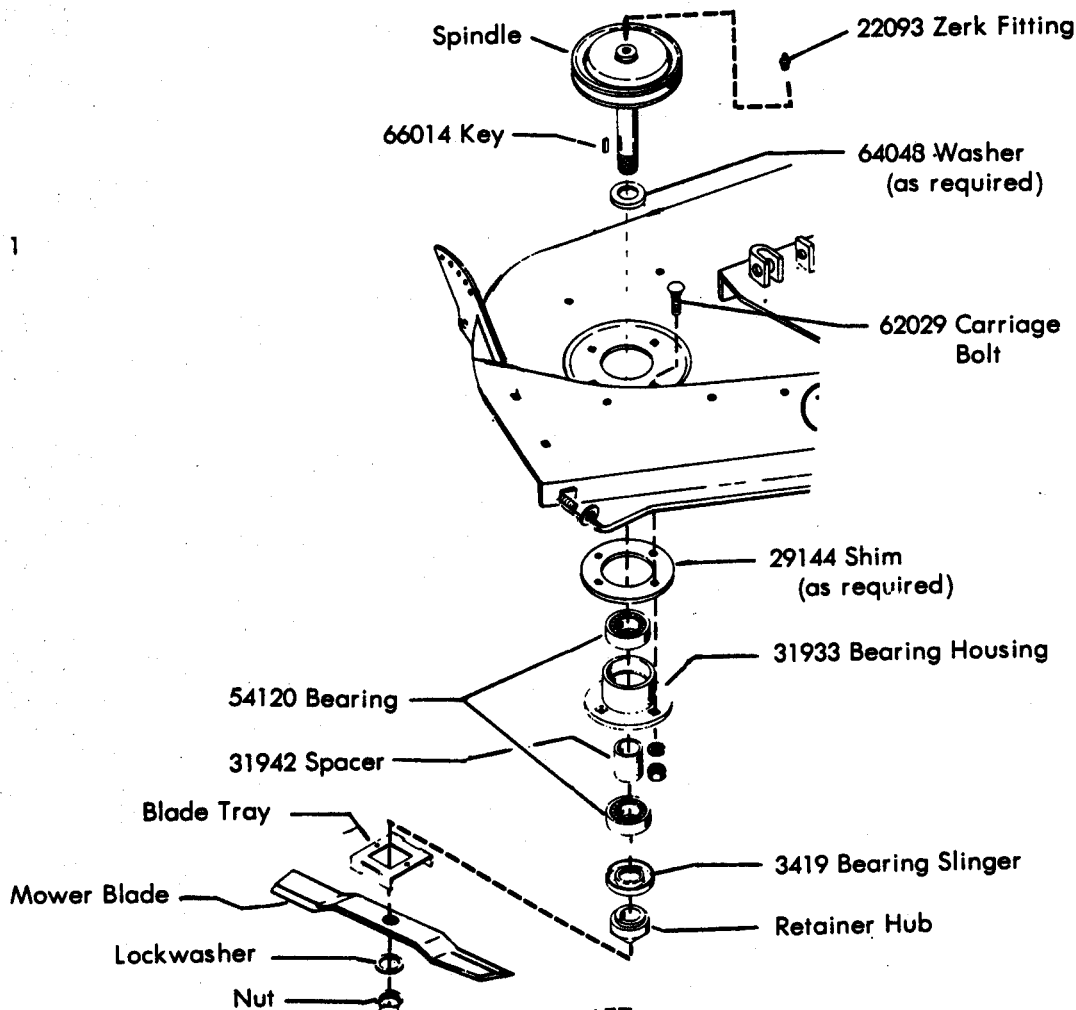
1. Inspect mower pan for wear or damage. Repair or replace if necessary.
2. Mount both new spindle housings with bearings in mower pan with hardware previously removed. DO NOT use 29144 shims until alignment has been checked.
3. Install washer (64048) on spindle shaft (31943) and insert into both spindle housings. Install mounting hardware (bearing slinger, retainer hub, blade tray, blade, lockwasher and nut). Refer to Figure 1.
4. Check blade alignment between outer blade and center blade. If misalignment is more than 1/16 inch, proceed as follows:

- A. If center blade is higher than 1/16 inch, remove any shims under gear case. If blade is still not within 1/16 inch, install 64048 washer as required between 31913 spacer and 31844 sheave.
- B. If center blade is lower than 1/16 inch, add a 29144 shim between mower pan and both spindle housings.
- C. Recheck belt alignment between sheaves. Add or remove 64048 washer between spindle sheave and upper bearing as required on both outer spindles.
5. Remove hardware from both outer spindles and install key (66014) on both spindles. Reassemble hardware with blade in position.
6. Grease both spindles as required.
7. Reinstall belt over both outside spindle sheaves being sure belt is in position on center sheave. With idler in position behind belt, install idler spring.
8. Belt shields should have zerk access holes added for ease of lubricating bearings. Drill 1 inch hole directly above zerk, or install new shields.
9. Install a 75040 plug in each access hole to keep dirt and grass out of belt and sheave area.

LUBRICATION NOTE:

Grease bearings every 25 hours of operation using Ariens Special Moly-Multipurpose Grease. Part #000150.

FIGURE 1





Ariens

BRAKE EQUALIZER KIT

NO. 531106

ASSEMBLY

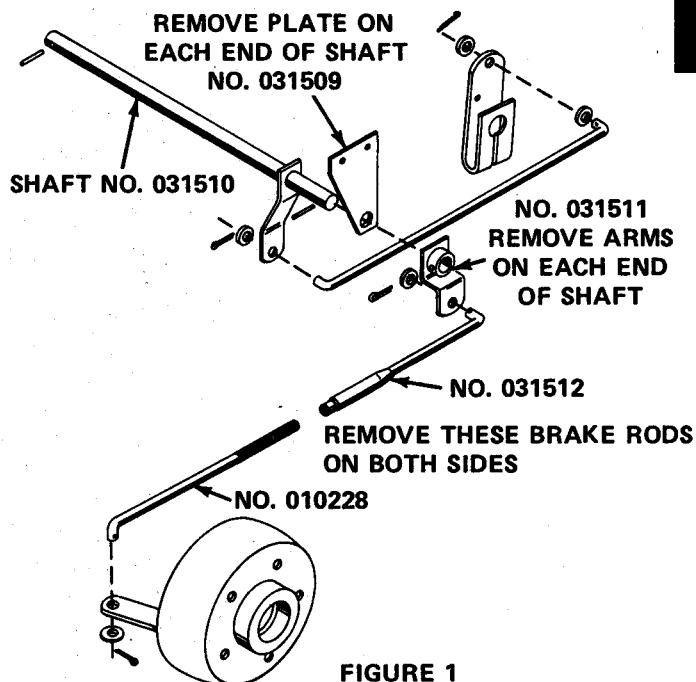


FIGURE 1

This kit is designed to obtain equal braking force at both rear wheels. To install proceed as follows:

1. Secure tractor with both rear tires off the ground and remove both rear wheels.
2. Remove following parts from tractor. Refer to Figure 1.

Note: Save the attaching hardware for use in later steps.

010228	BRAKE RODS	2
031512	BRAKE RODS	2
031511	BRAKE ARMS	2
031509	PLATES	2
031510	BRAKE SHAFT	1

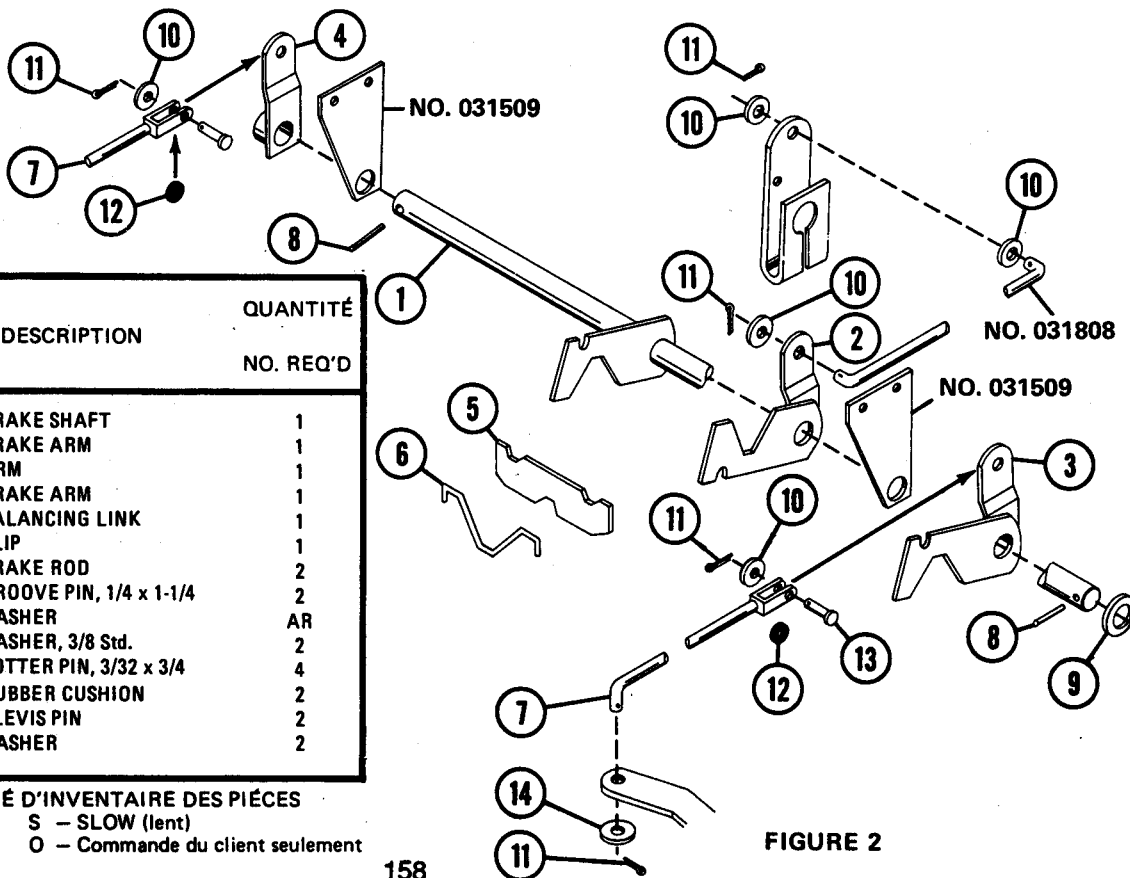


FIGURE 2

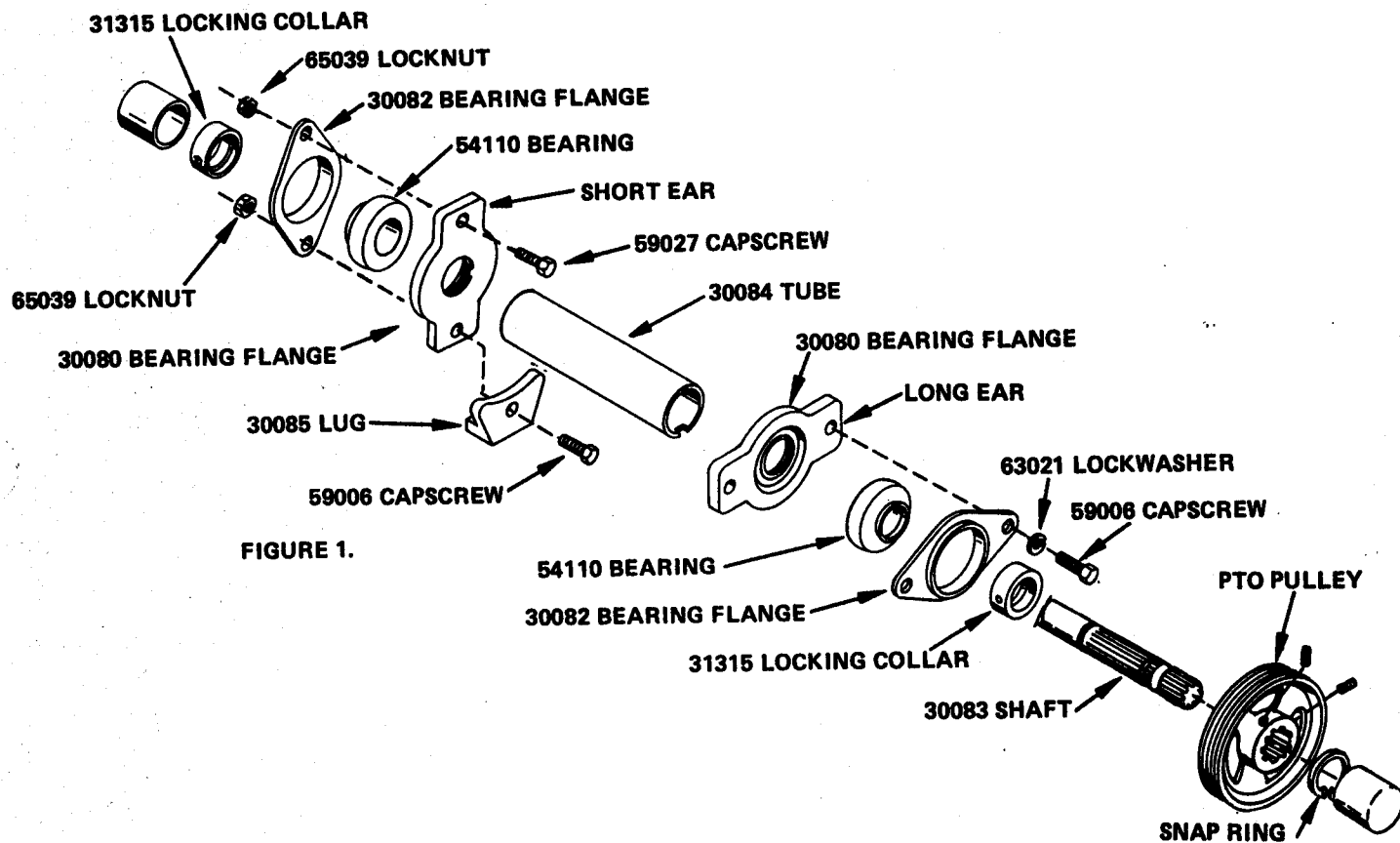
No	DE	CODE	REF. PIÉCE D'INV.	DESCRIPTION	QUANTITÉ
REF. PART STOCK	NO.	NO.	CODE		NO. REQ'D
1	031941			BRAKE SHAFT	1
2	031939			BRAKE ARM	1
3	031940			ARM	1
4	031938			BRAKE ARM	1
5	031936			BALANCING LINK	1
6	031937			CLIP	1
7	031935			BRAKE ROD	2
8	058040			GROOVE PIN, 1/4 x 1-1/4	2
9	064062			WASHER	AR
10	064043			WASHER, 3/8 Std.	2
11	067001			COTTER PIN, 3/32 x 3/4	4
12	075022			RUBBER CUSHION	2
13	013303			CLEVIS PIN	2
14	064057			WASHER	2

CODE SUGGÉRÉ D'INVENTAIRE DES PIÉCES

F - FAST (rapide) S - SLOW (lent)
M - MEDIUM (moyen) O - Commande du client seulement

531118 FRONT P.T.O. REPLACEMENT ASSEMBLY

THIS ASSEMBLY IS DESIGNED TO BE USED ON ALL 931000 SERIES GARDEN TRACTORS. IT REPLACES THE PTO ON MODELS 931001 THRU 931018. THESE PARTS WILL BECOME STANDARD ON ALL GEARDEN TRACTORS AFTER MODEL NUMBER 931018.



FRONT PTO, ELECTRIC CLUTCH — BRAKE KIT MODEL NO. 531141

Ariens

FOR 931000 SERIES 1-1/8" BORE CLUTCH
HYDROSTATIC GARDEN TRACTORS,
MODELS 931019, 22, 23, 24, 25

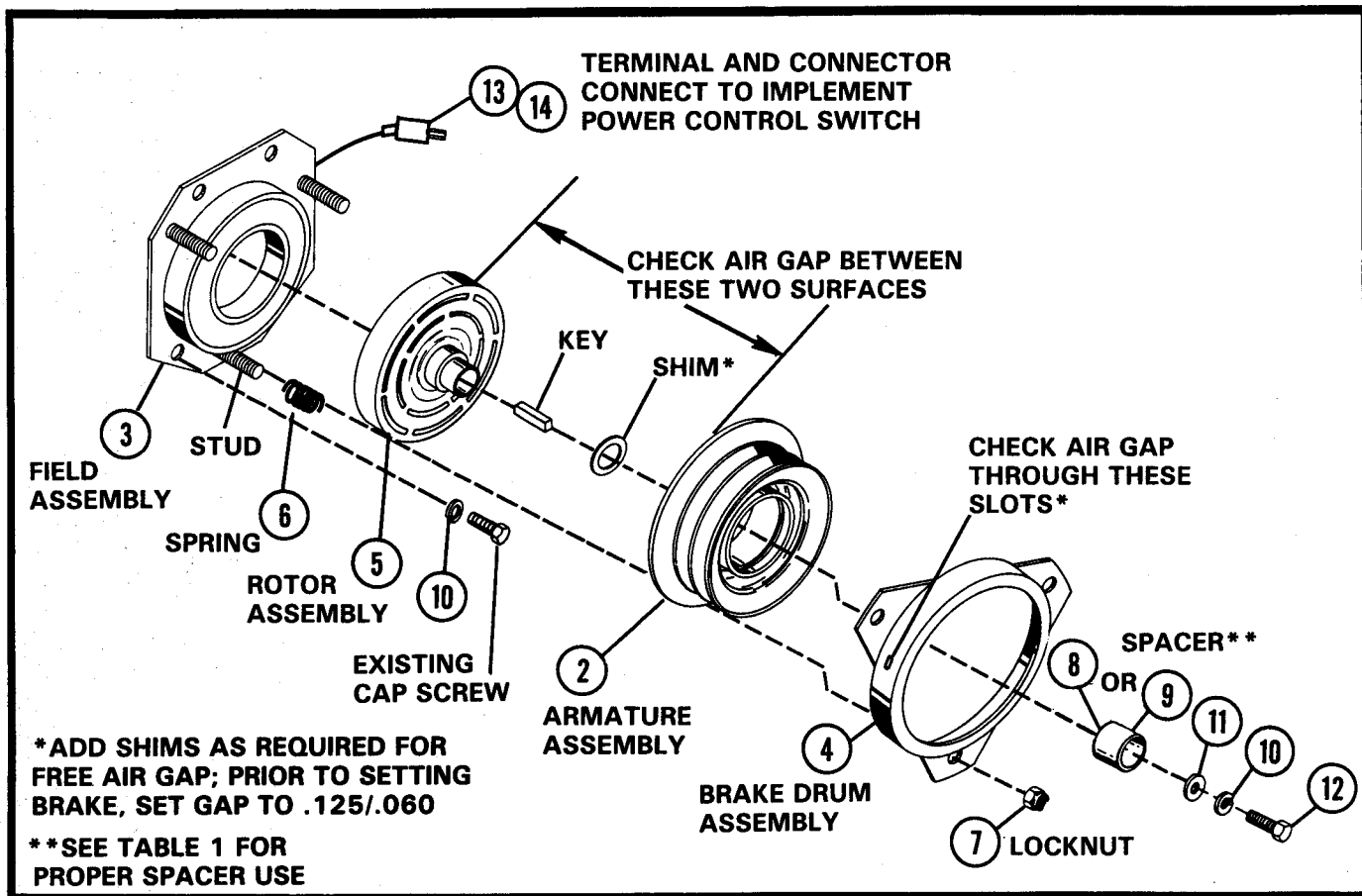


FIGURE 1

No DE REF. NO.	No DE PIECE PART NO.	CODE D'INV STOCK CODE	DESCRIPTION	QUANTITE NO. REQ'D	No DE REF. NO.	No DE PIECE PART NO.	CODE D'INV STOCK CODE	DESCRIPTION	QUANTITE NO. REQ'D
1	531141	S	Clutch Assembly, 1-1/8 Bore Complete	1	9	030299	M	Spacer, Outside Dia. 1-1/8"	1
2	030301	O	Armature Assembly	1				Inside Dia. .447"	
3	030302	O	Field Assembly	1				Thickness, .220"	
4	030303	O	Brake Drum	1	10	063005	M	Lockwasher	5
5	030304	O	Rotor Assembly	1	11	064198	M	Washer, 1/2 x 15/8" x 1/4" Pl.	1
6	083148	M	Spring, Compression	3	12	059205	M	Cap Screw, 7/17-20 x 1 1/2, Gr 2 HHPL	1
7	065116	M	Locknut	3	13	003391	S	Receptical Terminal	1
8	030300	M	Spacer	1	14	030057	S	Connector Body	1
			Outside Dia. 1-3/8"						
			Inside Dia. 1.130"						
			Thickness, .855"						

ARIENS COMPANY
655 WEST RYAN STREET
BRILLION, WISCONSIN 54110



531154 FRONT PTO REPLACEMENT ASSEMBLY

THIS ASSEMBLY IS DESIGNED TO BE USED ON
931000 SERIES GARDEN TRACTORS.
MODELS 931013 THROUGH 931026
(ENGINE SPEED 3250 NOMINAL R.P.M.)

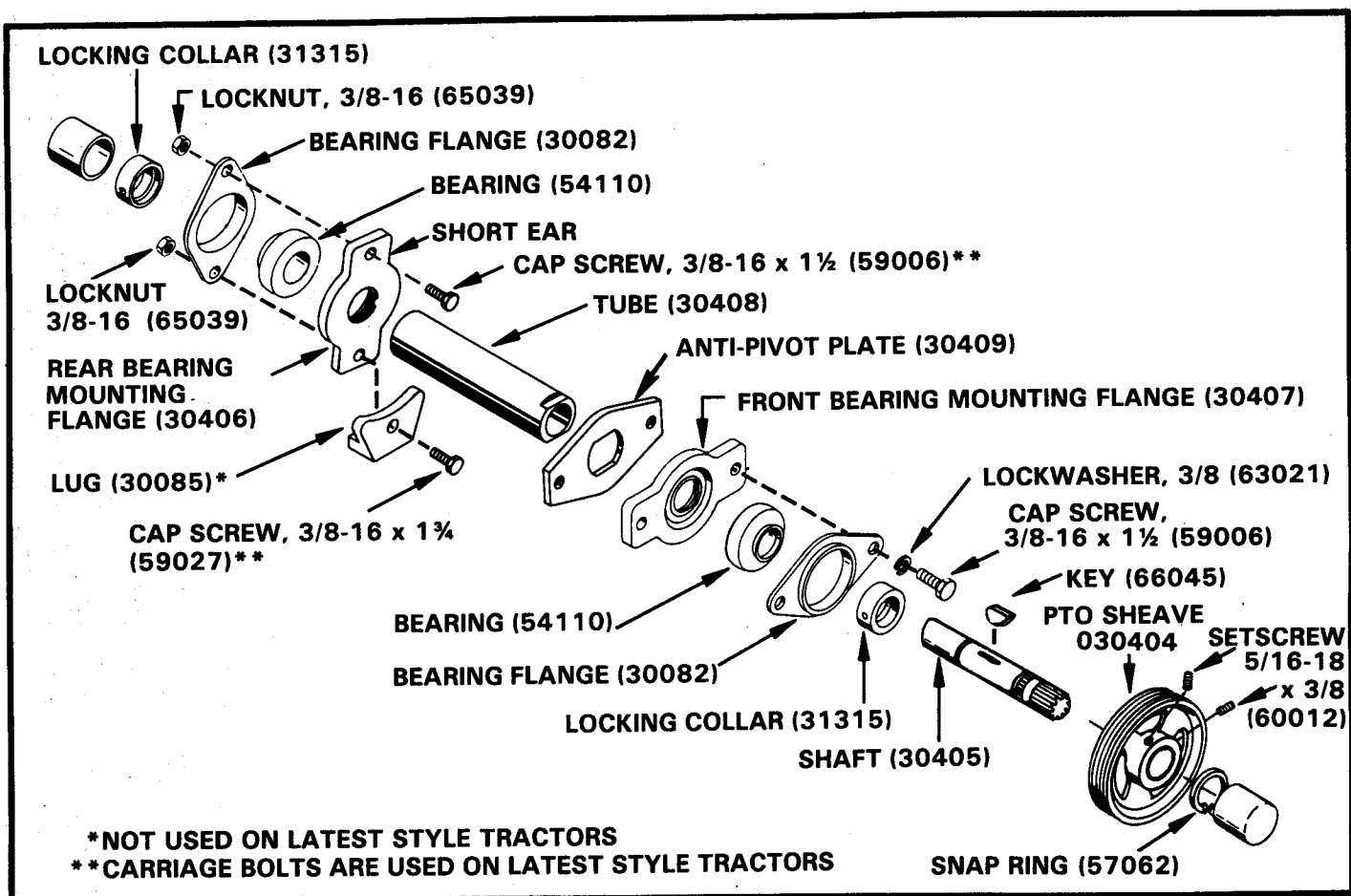


FIGURE 1

LATER STYLE TRACTOR FRONT PTO REPLACEMENT- MODELS WITH BALL BEARING PTO DESIGN (SIMILAR TO THAT SHOWN IN FIGURE 1)

- A. Support or suspend front of tractor to remove weight from front axle.
- B. Disassemble Front PTO from tractor as follows:
 1. Remove Idler Spring from left side of frame.
 2. Remove Front PTO belts.
 3. Remove plastic cap (if installed) from end of PTO shaft.
 4. Remove Snap Ring from front section of PTO shaft.
 5. Loosen Setscrews and remove PTO Sheave and Washers.

6. Loosen Setscrews on Locking Collar.
7. Remove Locking Collar by tapping with a punch clockwise (if collar was installed and locked in normal fashion).
8. Remove two 3/8-16 x 1 1/2 Cap Screws and Lockwashers and slide Front PTO Housing and Bearing off of shaft.
9. Using a 9/16" wrench remove two Carriage Bolts and Locknuts securing Rear Bearing Flange to frame.
10. Slide PTO Shaft and Bearing with Flange and Locking Collar out of Tube.

NOTE: FOR MODELS EQUIPPED WITH LUG (30085) REMOVE THIS LUG ALSO.

ARIENS COMPANY
655 WEST RYAN STREET
BRILLION, WISCONSIN 54110 161

PART NO. 79657

PRINTED IN U.S.A.



531155 FRONT PTO REPLACEMENT ASSEMBLY

THIS ASSEMBLY IS DESIGNED TO BE USED ON
931000 SERIES GARDEN TRACTORS.
MODELS 931001 THROUGH 931012
(ENGINE SPEED 3600 NOMINAL R.P.M.)

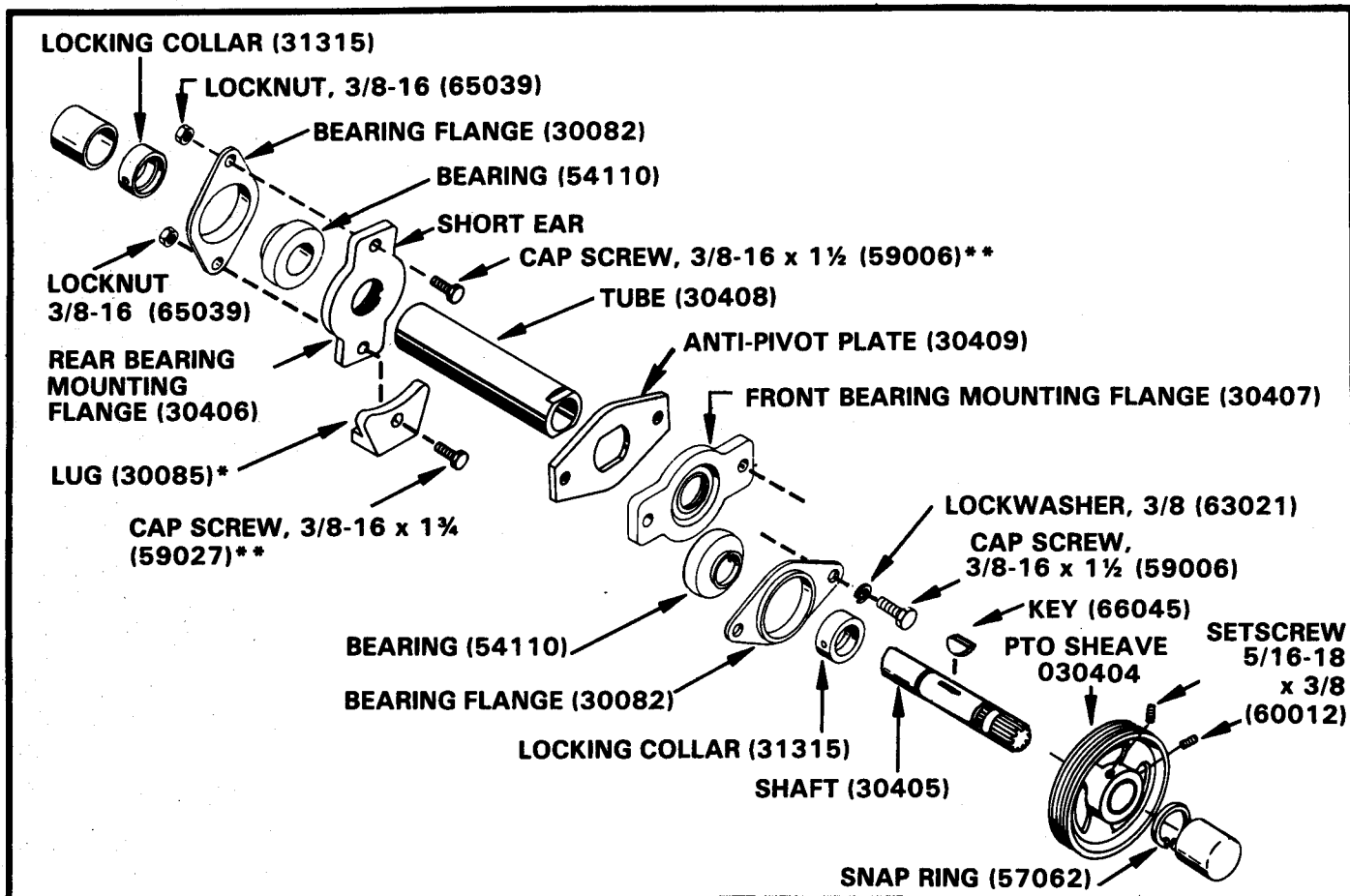


FIGURE 1

LATER STYLE TRACTOR FRONT PTO REPLACEMENT- MODELS WITH BALL BEARING PTO DESIGN (SIMILAR TO THAT SHOWN IN FIGURE 1)

- A. Support or suspend front of tractor to remove weight from front axle.
- B. Disassemble Front PTO from tractor as follows:
 1. Remove Idler Spring from left side of frame.
 2. Remove Front PTO belts.
 3. Remove plastic cap (if installed) from end of PTO shaft.
 4. Remove Snap Ring from front section of PTO shaft.
 5. Loosen Setscrews and remove PTO Sheave and Washers.
 6. Loosen Setscrews on Locking Collar.
 7. Remove Locking Collar by tapping with a punch clockwise (if collar was installed and locked in normal fashion).
 8. Remove two 3/8-16 x 1 1/2 Cap Screws and Lockwashers and slide Front PTO Housing and Bearing off of shaft.
 9. Using a 9/16" wrench remove two Cap Screws and Locknuts securing Rear Bearing Flange and Lug (30085) to frame.
 10. Slide PTO Shaft and Bearing with Flange and Locking Collar out of Tube.
 11. Using a driver, remove tube from Frame and Axle. Be sure frame and axle holes are aligned and weight is off of front axle.

Ariens

531156 LINEAR SHIFT LINKAGE SERVICE ASSEMBLY

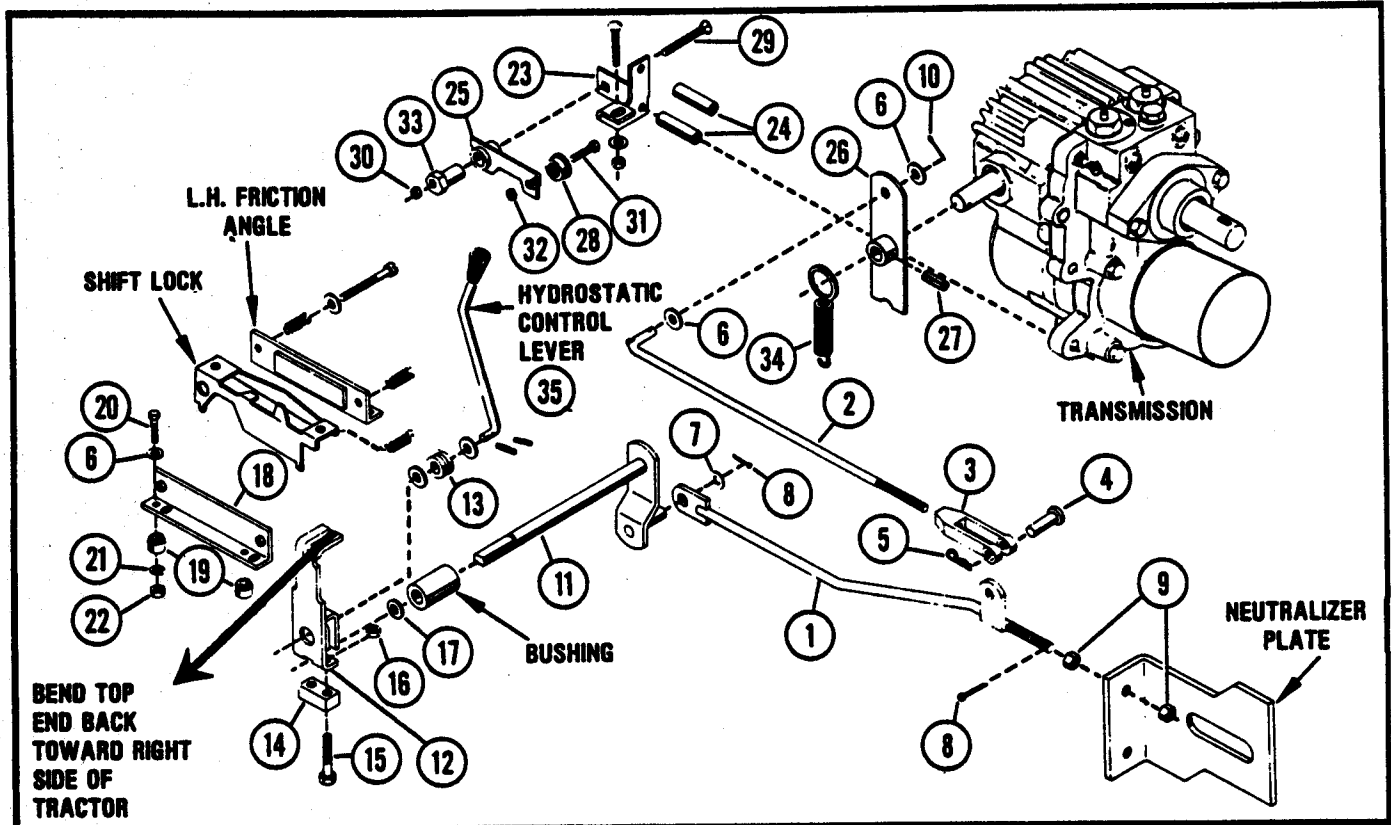
FOR 931000 GARDEN TRACTORS MODELS 931013 THROUGH
931026 EXCEPT MODELS 931019, 931022, 931025 AND
931026 WITH SERIAL NO.'S AS FOLLOWS:

931019, SER. NO. 005500 AND UP

931022, SER. NO. 002500 AND UP

931025, SER. NO. 000600 AND UP

931026, SER. NO. 001000 AND UP



REF. NO.	PART NO.	STOCK CODE	DESCRIPTION	NO. REQ'D	REF. NO.	PART NO.	STOCK CODE	DESCRIPTION	NO. REQ'D
1	030401	4	Shift Rod	1	18	030393	4	R.H. Friction Brake	1
2	030400	4	Neutralizer Rod	1	19	030395	4	Spacer	2
3	030402	4	Yoke	1	20	059069	2	Cap Screw, 5/16-18 x 1-1/4"	2
4	031302	4	Clevis Pin	1	21	063003	1	Lockwasher, 5/16	2
5	067020	2	Hairpin Cotter, 3/32 x 1-3/16"	1	22	065015	1	Nut, 5/16-18	2
6	064057	3	Washer, .312/.343 x .625 x	4	23	030398	5	Mounting Bracket	1
7	064003	2	Washer, .526/.546 x 1.062 x	1	24	030414	4	Spacer	2
8	067004	1	Cotter Pin, 1/8 x 1"	2	25	030398	5	Detent Arm	1
9	085046	3	Locknut, 1/2-13	2	26	030399	4	Shift Arm	1
10	067001	4	Cotter Pin, 3/32 x 3/4"	1	27	058038	4	Roll Pin, 1/4 x 1-3/8"	1
11	030391	5	Shift Shaft	1	28	054149	3	Ball Bearing	1
12	030392	4	Lever	1	29	062082	3	Carriage Bolt, 5/16-18 x 2-1/4"	1
13	075068	4	Grommet	1	30	065062	3	Locknut, Nylon, 5/16-18	1
14	030394	4	Strap	1	31	059132	3	Cap Screw, 1/4-20 x 1	1
15	059140	4	Cap Screw, 5/16-18 x 1-1/2", Gr. 5	2	32	065040	3	Locknut, 1/4-20	1
16	065124	3	Locknut, 5/16-18	2	33	030397	3	Eccentric	1
17	064039	3	Washer, .625/.635 x 1.005 x	1	34	083196	3	Spring Extension	1
					35	030390	4	Hydrostatic Control Lever	1

ARIENS COMPANY
655 West Ryan Street
Brillion, Wisconsin
54110-1098 U.S.A.

PART NO. 79681

Ariens

531164 CARBURETOR HEATER PACKAGE

A Carburetor Heater Package, part number 531164, has been designed and released by Kohler and Ariens Engineering, to eliminate carburetor icing which can occur under certain temperature/snow conditions on the following models:

MODEL NO.	SERIAL NO.	DESCRIPTION
931019	000101-006200	GT17 Garden Tractor
931026	000101-001400	GT19 Garden Tractor

NOTE: FOR MODEL 931019 (ENGINE SERIAL NUMBERS BELOW 9544628) ADDITIONAL PARTS AVAILABLE FROM A KOHLER ENGINE SERVICE CENTER MUST BE INSTALLED AS FOLLOWS:

1. GASKET — KOHLER PART NO. 277069
2. ELBOW — KOHLER PART NO. 52-054-15
3. BREATHER TUBE — KOHLER PART NO. 52-326-05
4. Screws — 4 — X-67-65 (12)

REFER TO THE KOHLER ENGINE INFORMATION AVAILABLE AT THE SERVICE CENTER FOR PROPER INSTALLATION.

PARTS INCLUDED IN THIS ASSEMBLY ARE:

DESCRIPTION	QUANTITY	KOHLER PART NO.	ARIENS PART NO.
1. Wing Nut	1	X-276-7	*
2. Air Cleaner Cover	1	52-254-11	*
3. Element Cover Seal	1	231032	*
4. Element Cover	1	52-082-04	*
5. Pre-Cleaner	1	45-083-01	*
6. Air Filter Element	1	45-083-02	*
7. Air Cleaner Cover Seal	1	237423	*
8. Air Cleaner Base	1	52-201-06	*
9. Base Gasket	1	277093	*
10. Blower Housing Plug	1	52-139-06	*
11. Decal (Figure 19)	1	52-113-14	*
13. Left Exhaust Shield	1		030528
14. Right Exhaust Shield	1		030529
15. Washer	2		064057
16. Nut, 5/16-18	2		065042

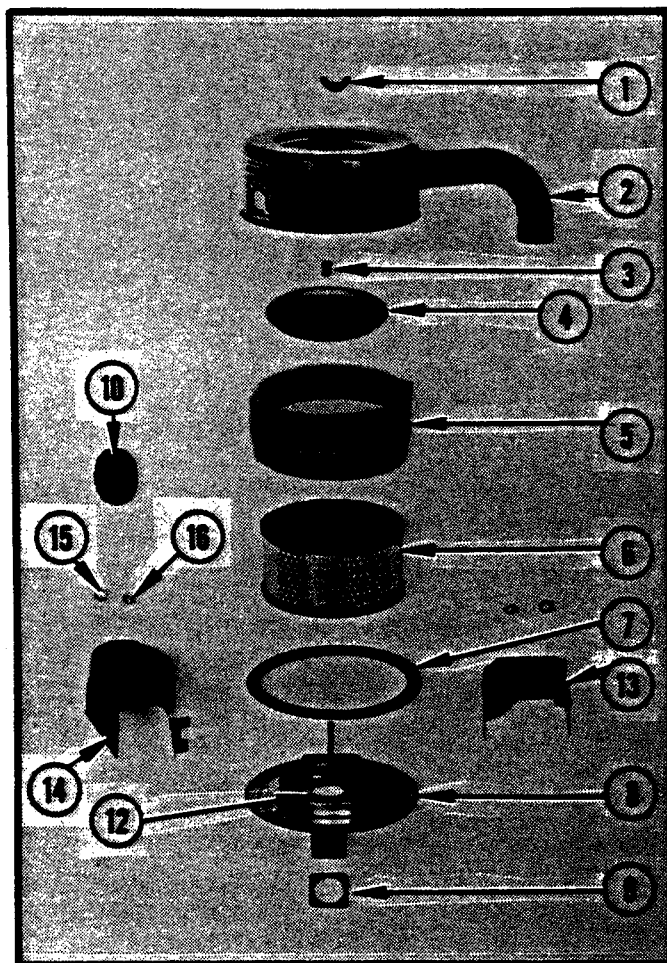
*Parts indicated are available from Kohler engine service centers and distributors only.

ARIENS COMPANY
655 WEST RYAN STREET
BRILLION, WISCONSIN

PART NO. 79714

54110-1098 U.S.A.

164



- 1a. For 17 HP Model 931019 — Remove the machine screws, star lockwashers and flat washers securing the rear of the muffler shield to the side panels at the front of the tractor. DO NOT REMOVE THE MUFFLER SHIELD FROM THE HOOD HINGE ASSEMBLY. See Figure 1.

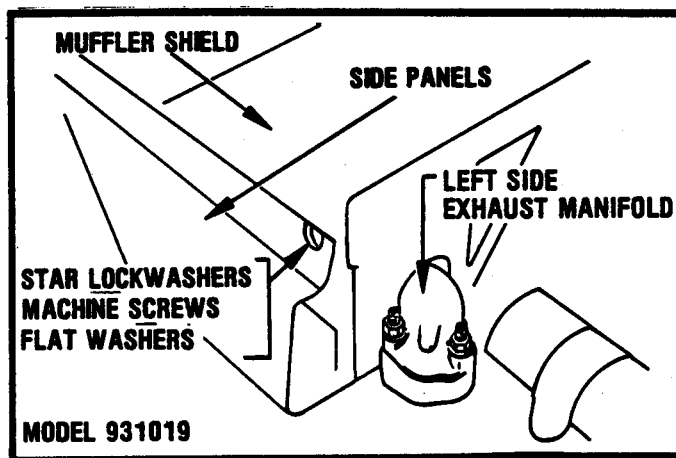


FIGURE 1

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This parts package is designed for use on Ariens Lawn Vac's as follows:

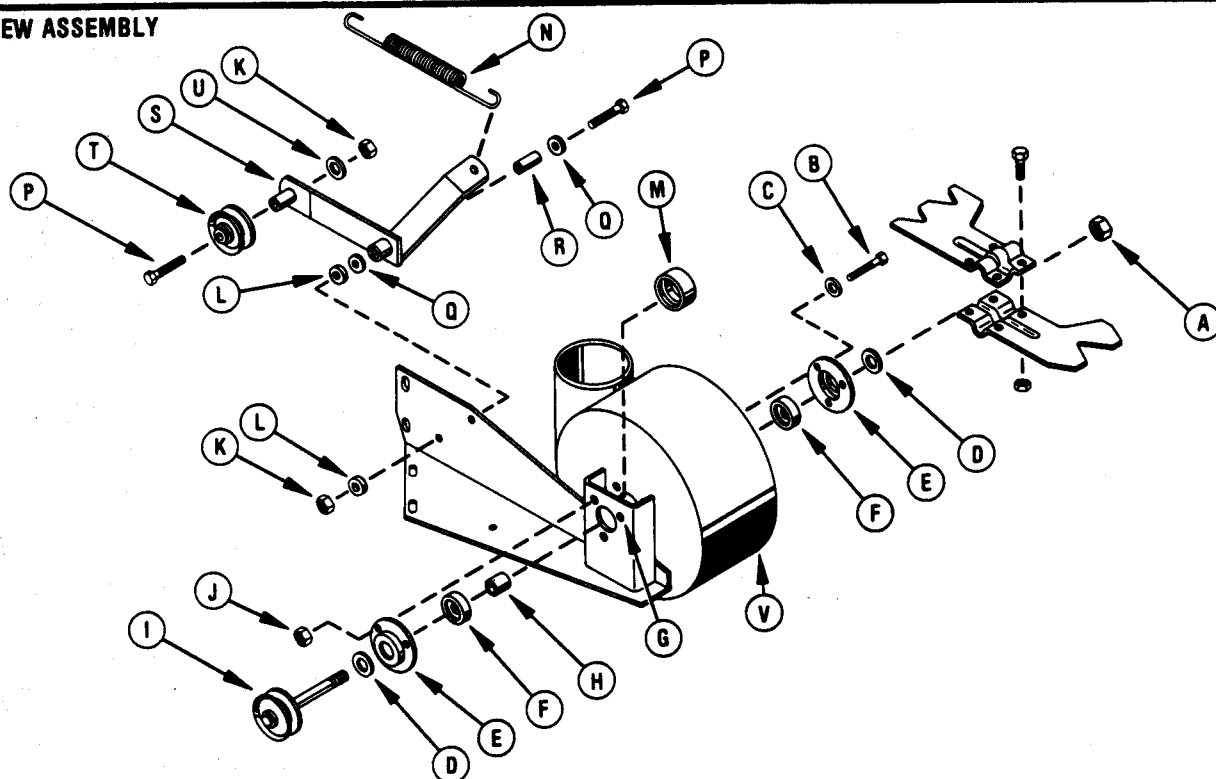
1. Vac Trailer, Model 831018, Serial No. 000101 to 000600
2. Vac Bagger, Model 831019, Serial No. 000101 to 001100

531168 VAC BAGGER PARTS PACKAGE

PART NUMBERS AND QUANTITY INCLUDED IN PACKAGE TO UPDATE 831018 AND 831019 VAC BAGGER.

DESCRIPTION	QUANTITY	PART NO.	DESCRIPTION	QUANTITY	PART NO.
Spindle	1	034221	Idler	1	073111
Washer	2	064185	Washer	1	064093
Locknut, Center	3	065040	Locknut, 3/8-16, Gr. C	1	065122
Flange Bearing	2	031859	Washer	1	064067
Ball Bearing	2	054052	Washer	2	064002
Bearing Spacer	1	034219	Idler Arm	1	030425
Bearing Housing	1	034218	Spacer Bushing	1	030424
Washer	3	064065	Cap Screw, 3/8-16 x 2 1/2", Gr. 5	2	059152
Cap Screw, 1/4-20 x 2", Gr. 5	3	059162	Spring, Extension	1	083203
Nut, Jam, No. 1-14	1	065120			

NEW ASSEMBLY



- | | |
|---|--|
| (A) JAM NUT, NO. 1-14 (065120) | (K) LOCKNUT, 3/8-16, GR. C (065122) |
| (B) CAP SCREW, 1/4-20 x 2", GR. 5 (059162) | (L) WASHER (064067) |
| (C) WASHER (064065) | (M) BEARING HOUSING (034218) |
| (D) WASHER (064185) | (N) EXTENSION SPRING (083203) |
| (E) FLANGE BEARING (031859) | (P) CAP SCREW, 3/8-16 x 1 1/2", GR. 5 (059152) |
| (F) BALL BEARING (054052) | (Q) WASHER (064002) |
| (G) DRILL THREE HOLES IN SIDE OF FAN HOUSING IN LINE WITH THESE HOLES | (R) SPACER BUSHING (030424)—APPLY GREASE HERE |
| (H) BEARING SPACER (034219) | (S) IDLER ARM (030425) |
| (I) SPINDLE (034221) | (T) IDLER (073111) |
| (J) CENTER LOCKNUT (065040) | (U) WASHER (064093) |
| | (V) FAN HOUSING WITH DECAL (531138) |

531236 Interlock Module Service Assembly

FOR 931000 GARDEN TRACTORS MODELS
931019 THROUGH 931028, EQUIPPED WITH
TRANSISTOR INTERLOCK MODULE BOARD.

Parts included in the 531236 assembly are as follows:

1. Adapter Module Harness - 030472
2. Receptacle - 023342
3. Insulator - 023348
4. Diode Assy. - 030427
5. Interlock Plug - 030474
6. Time Delay Module - 030843
7. Relay - 030428
8. Terminal Housing - 030473

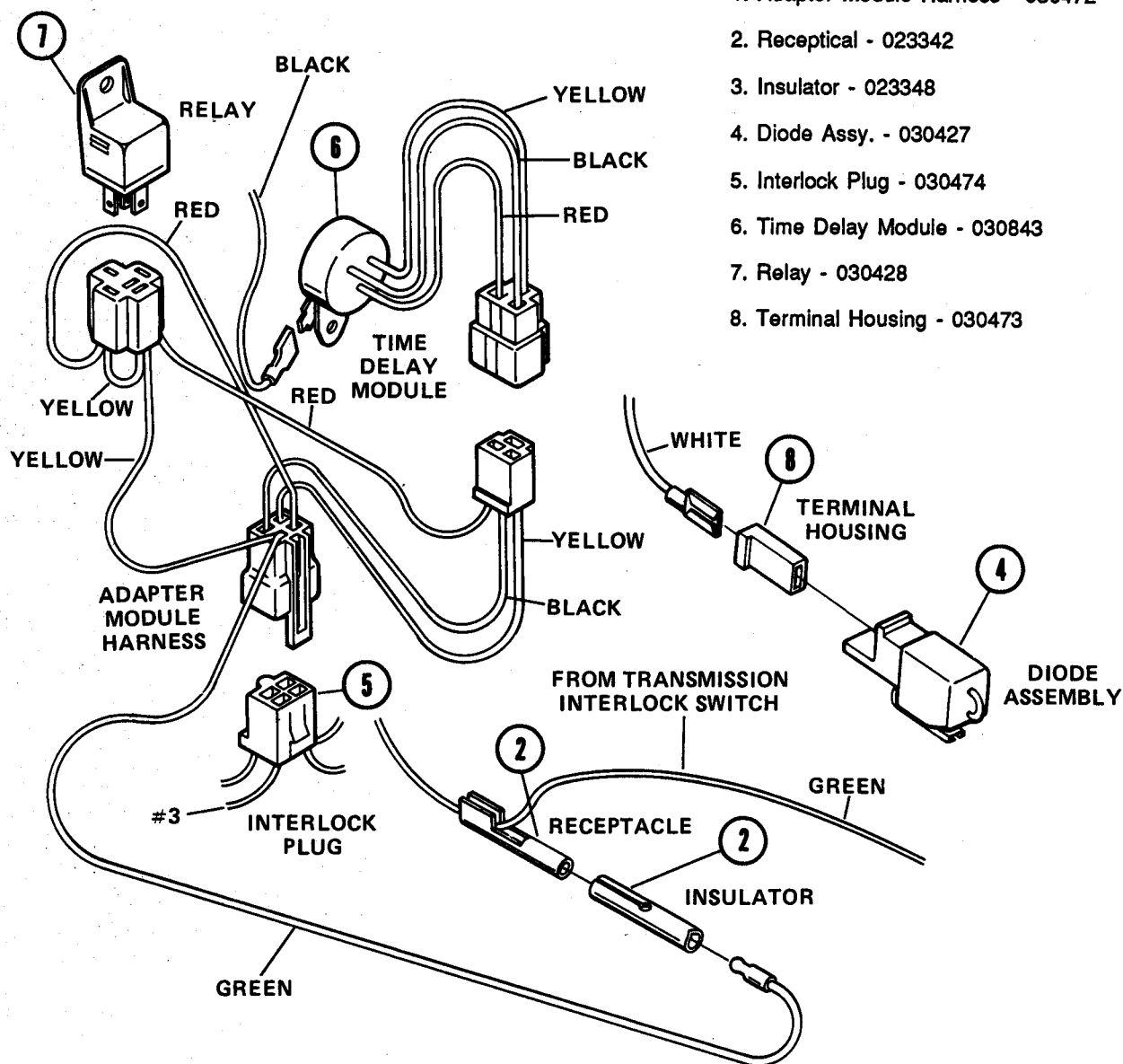


FIGURE 1